

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049445.D
 Acq On : 28 Jun 2022 08:33
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 28 08:46:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	227684	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	431455	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	402805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	196596	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183438	52.314	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.620%	
35) Dibromofluoromethane	5.289	113	146892	48.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.320%	
50) Toluene-d8	7.896	98	531593	49.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	10.632	95	208096	50.456	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.920%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	145297	39.713	ug/l	99
3) Chloromethane	1.520	50	203289	45.364	ug/l	98
4) Vinyl Chloride	1.604	62	162117	44.012	ug/l	98
5) Bromomethane	1.851	94	57917	50.566	ug/l	97
6) Chloroethane	1.922	64	91290	53.581	ug/l	97
7) Trichlorofluoromethane	2.131	101	203449	43.338	ug/l	99
8) Diethyl Ether	2.375	74	92414	54.497	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	115508	45.731	ug/l	95
10) Methyl Iodide	2.719	142	150508	59.037	ug/l	94
11) Tert butyl alcohol	3.353	59	8033	9.788	ug/l	# 1
12) 1,1-Dichloroethene	2.578	96	122390	49.492	ug/l	95
13) Acrolein	2.485	56	115378	207.588	ug/l	98
14) Allyl chloride	2.919	41	238687	47.758	ug/l	# 88
15) Acrylonitrile	3.311	53	548249	277.750	ug/l	99
16) Acetone	2.629	43	439966	248.808	ug/l	99
17) Carbon Disulfide	2.790	76	348195	45.149	ug/l	99
18) Methyl Acetate	2.948	43	261076	54.541	ug/l	92
19) Methyl tert-butyl Ether	3.363	73	509316	55.375	ug/l	98
20) Methylene Chloride	3.041	84	164670	56.031	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	137349	51.522	ug/l	95
22) Diisopropyl ether	3.990	45	517095	54.190	ug/l	# 76
23) Vinyl Acetate	3.954	43	2254313	269.534	ug/l	95
24) 1,1-Dichloroethane	3.867	63	285806	52.143	ug/l	98
25) 2-Butanone	4.700	43	732741	276.501	ug/l	95
26) 2,2-Dichloropropane	4.662	77	122212	26.789	ug/l	95
27) cis-1,2-Dichloroethene	4.665	96	170656	55.406	ug/l	97
28) Bromochloromethane	4.973	49	127621	53.267	ug/l	# 80
29) Tetrahydrofuran	5.051	42	489554	269.288	ug/l	89
30) Chloroform	5.089	83	285034	52.570	ug/l	99
31) Cyclohexane	5.385	56	235388	44.708	ug/l	89
32) 1,1,1-Trichloroethane	5.314	97	233086	49.546	ug/l	100
36) 1,1-Dichloropropene	5.526	75	191012	43.641	ug/l	99
37) Ethyl Acetate	4.800	43	281149	47.008	ug/l	# 94
38) Carbon Tetrachloride	5.523	117	196422	42.791	ug/l	99
39) Methylcyclohexane	6.761	83	220526	42.035	ug/l	93
40) Benzene	5.774	78	632131	47.836	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	147475	49.210	ug/l	89
42) 1,2-Dichloroethane	5.793	62	229190	46.601	ug/l	100
43) Isopropyl Acetate	5.909	43	429393	48.997	ug/l	97
44) Trichloroethene	6.542	130	147117	46.832	ug/l	90
45) 1,2-Dichloropropane	6.790	63	177097	48.366	ug/l	100
46) Dibromomethane	6.915	93	121178	49.638	ug/l	90
47) Bromodichloromethane	7.105	83	225334	47.957	ug/l	99
48) Methyl methacrylate	6.957	41	206382	50.252	ug/l	89
49) 1,4-Dioxane	6.986	88	99522	945.854	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1428185	243.506	ug/l	97
52) Toluene	7.967	92	384556	48.962	ug/l	100
53) t-1,3-Dichloropropene	8.208	75	233721	46.372	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	247829	46.052	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	163886	50.468	ug/l	97
56) Ethyl methacrylate	8.333	69	290058	53.405	ug/l	94
57) 1,3-Dichloropropane	8.575	76	288085	50.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	178387	412.256	ug/l	95
59) 2-Hexanone	8.684	43	1117056	242.194	ug/l	96
60) Dibromochloromethane	8.809	129	170761	50.567	ug/l	99
61) 1,2-Dibromoethane	8.922	107	178461	50.429	ug/l	99
64) Tetrachloroethene	8.552	164	115012	44.517	ug/l	92
65) Chlorobenzene	9.446	112	401470	48.753	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	153870	49.532	ug/l	99
67) Ethyl Benzene	9.568	91	739094	48.889	ug/l	96
68) m/p-Xylenes	9.693	106	546478	97.696	ug/l	90
69) o-Xylene	10.099	106	278847	50.214	ug/l	89
70) Styrene	10.111	104	459834	51.536	ug/l	96
71) Bromoform	10.292	173	132462	49.717	ug/l #	99
73) Isopropylbenzene	10.484	105	700026	49.985	ug/l	96
74) N-amyl acetate	10.320	43	378486	51.063	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	298063	50.243	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	317429	47.630	ug/l	100
77) Bromobenzene	10.780	156	173320	50.701	ug/l	85
78) n-propylbenzene	10.902	91	819391	48.150	ug/l	96
79) 2-Chlorotoluene	10.986	91	514842	49.105	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	607172	49.661	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	76594	42.442	ug/l	96
82) 4-Chlorotoluene	11.095	91	578842	49.089	ug/l	94
83) tert-Butylbenzene	11.420	119	592760	49.292	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	614968	51.200	ug/l	95
85) sec-Butylbenzene	11.642	105	712075	47.097	ug/l	97
86) p-Isopropyltoluene	11.793	119	590499	48.294	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	314984	48.196	ug/l	96
88) 1,4-Dichlorobenzene	11.835	146	310859	47.323	ug/l	96
89) n-Butylbenzene	12.208	91	520794	46.013	ug/l	98
90) Hexachloroethane	12.475	117	108415	44.517	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	329822	50.227	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	77150	50.718	ug/l	83
93) 1,2,4-Trichlorobenzene	13.838	180	213470	48.495	ug/l	97
94) Hexachlorobutadiene	14.021	225	81615	40.066	ug/l	100
95) Naphthalene	14.086	128	859748	55.655	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	227171	50.139	ug/l	97

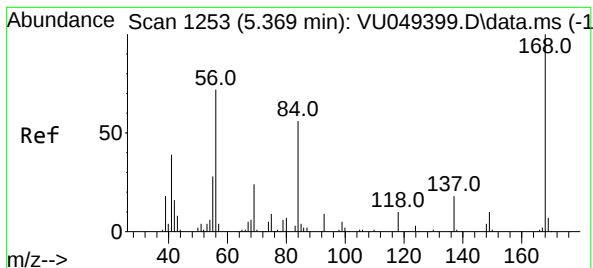
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Quant Title : SW846 8260
QLast Update : Tue Jun 28 05:14:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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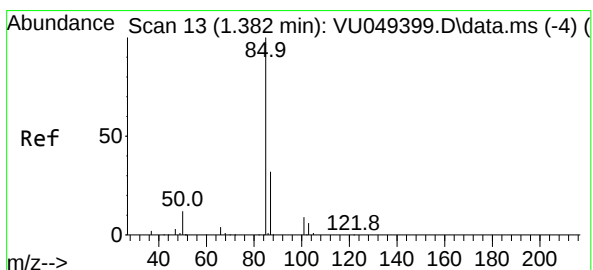
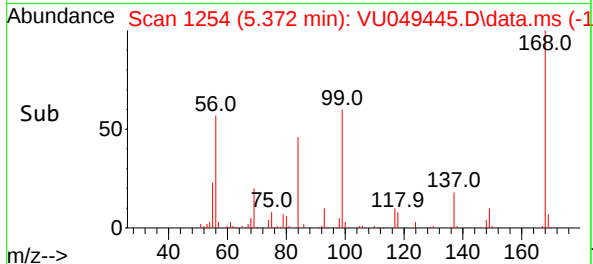
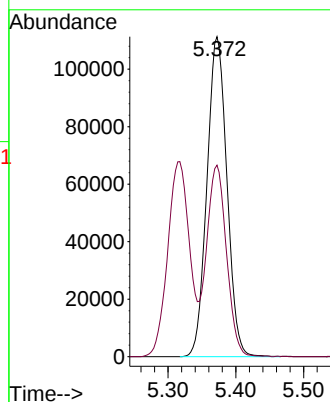
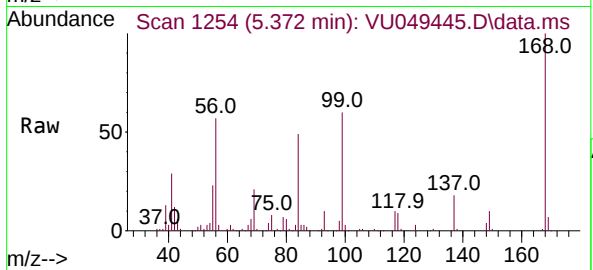
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

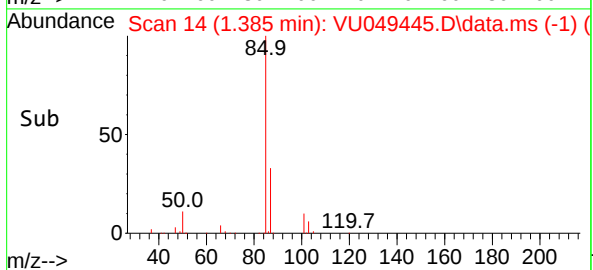
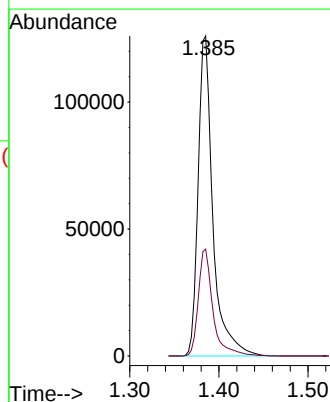
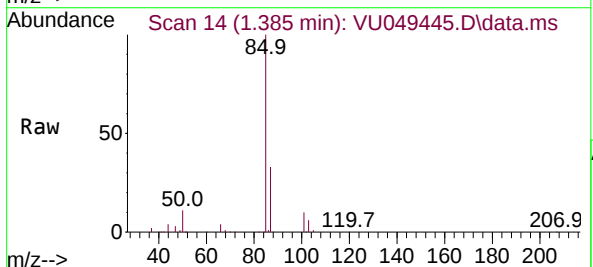
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ClientSampleId :
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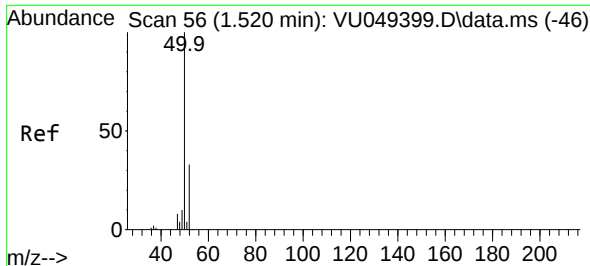
Tgt Ion:168 Resp: 227684
Ion Ratio Lower Upper
168 100
99 59.7 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 39.713 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 85 Resp: 145297
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.2

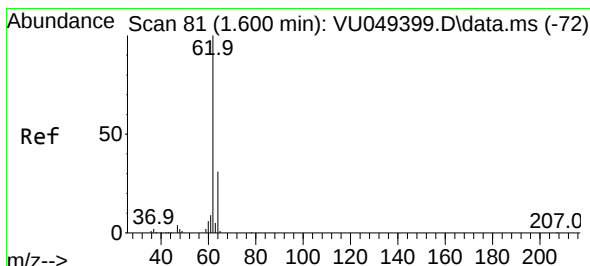
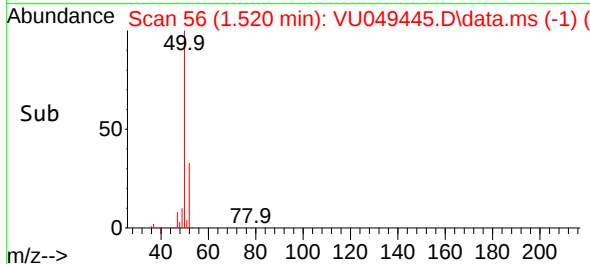
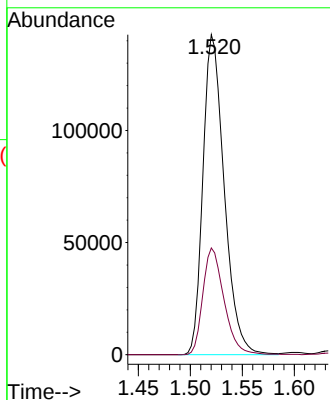
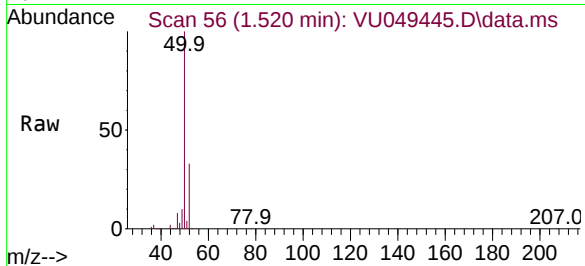




#3
Chloromethane
Concen: 45.364 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

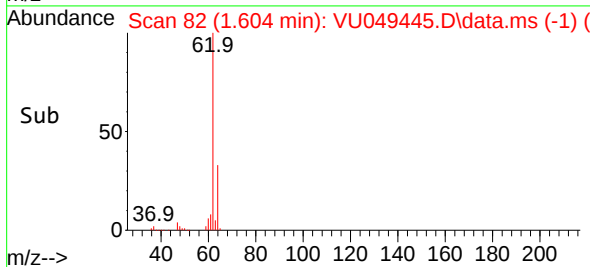
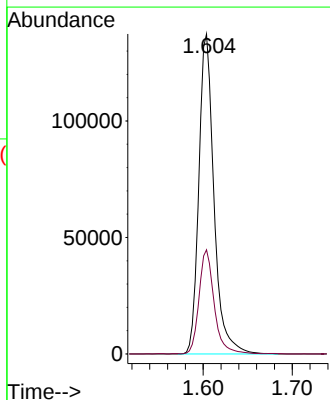
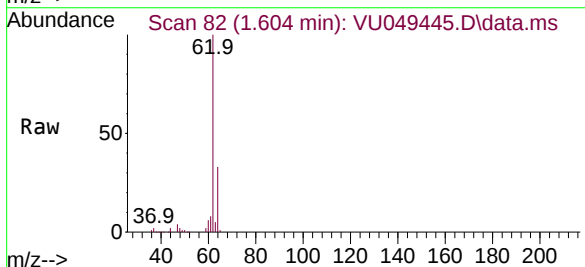
Instrument :
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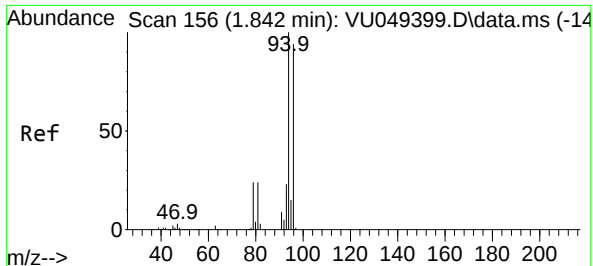
Tgt Ion: 50 Resp: 203289
Ion Ratio Lower Upper
50 100
52 33.3 27.4 41.2



#4
Vinyl Chloride
Concen: 44.012 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 62 Resp: 162117
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9

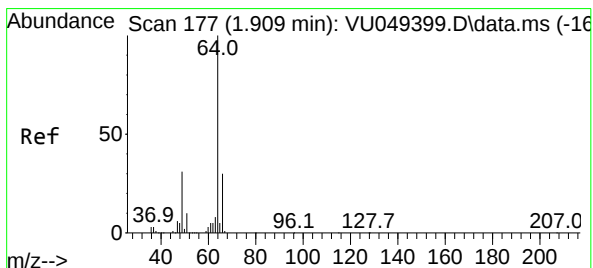
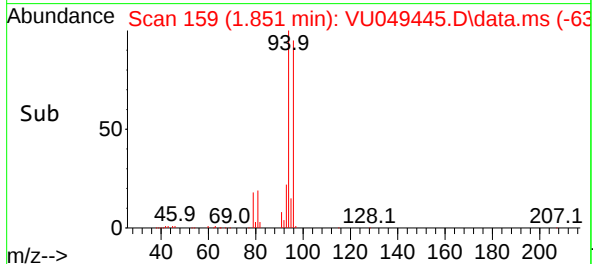
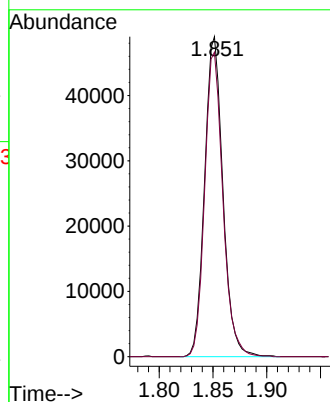
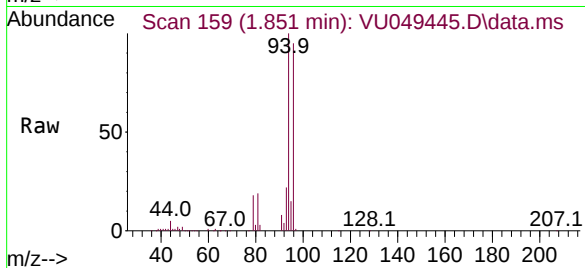




#5
Bromomethane
Concen: 50.566 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

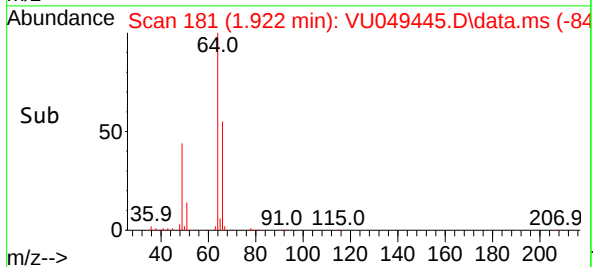
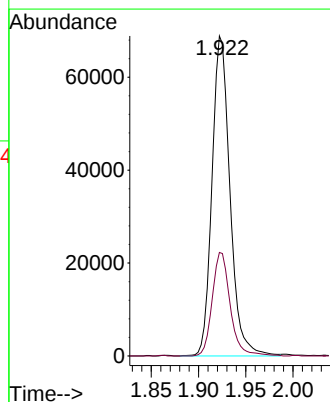
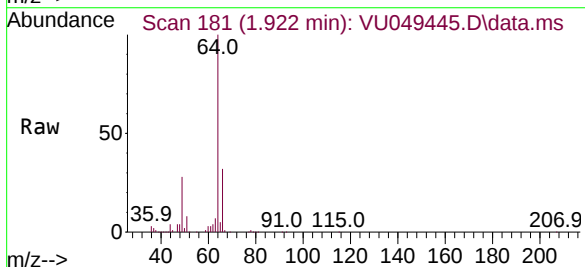
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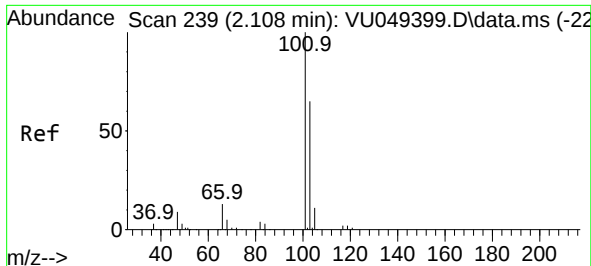
Tgt Ion: 94 Resp: 57917
Ion Ratio Lower Upper
94 100
96 95.1 73.7 110.5



#6
Chloroethane
Concen: 53.581 ug/l
RT: 1.922 min Scan# 181
Delta R.T. 0.013 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 64 Resp: 91290
Ion Ratio Lower Upper
64 100
66 32.4 24.7 37.1

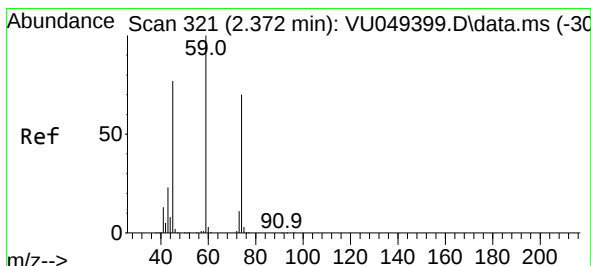
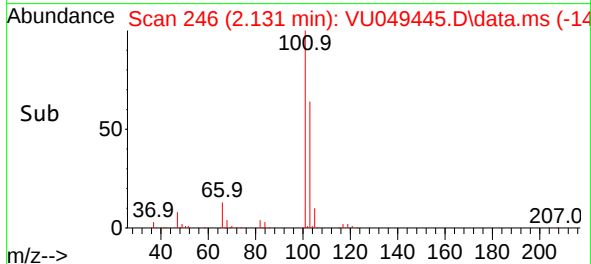
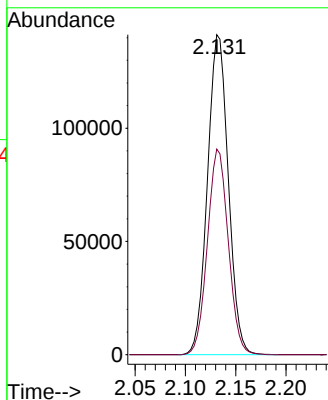
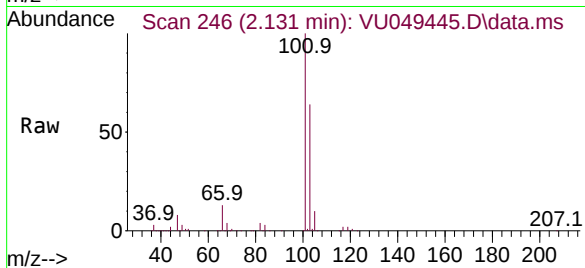




#7
 Trichlorofluoromethane
 Concen: 43.338 ug/l
 RT: 2.131 min Scan# 24
 Delta R.T. 0.023 min
 Lab File: VU049445.D
 Acq: 28 Jun 2022 08:33

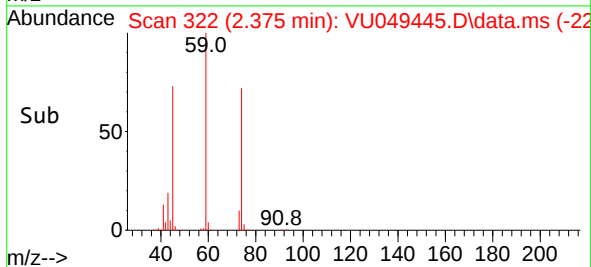
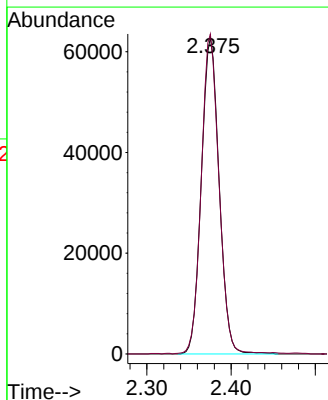
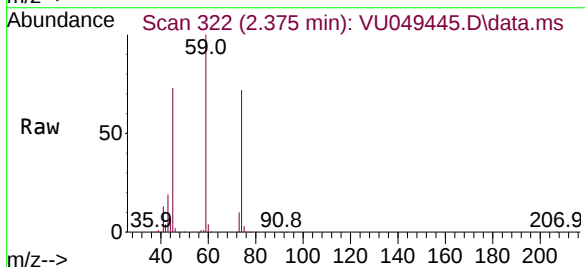
Instrument :
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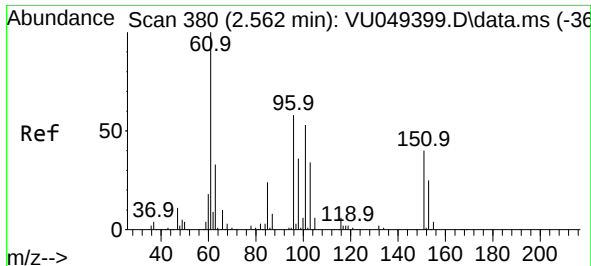
Tgt Ion:101 Resp: 203449
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.6 75.8



#8
 Diethyl Ether
 Concen: 54.497 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VU049445.D
 Acq: 28 Jun 2022 08:33

Tgt Ion: 74 Resp: 92414
 Ion Ratio Lower Upper
 74 100
 45 100.5 44.4 133.2

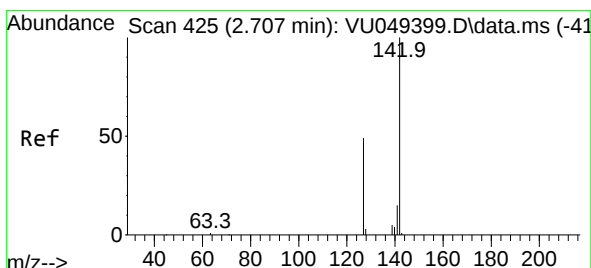
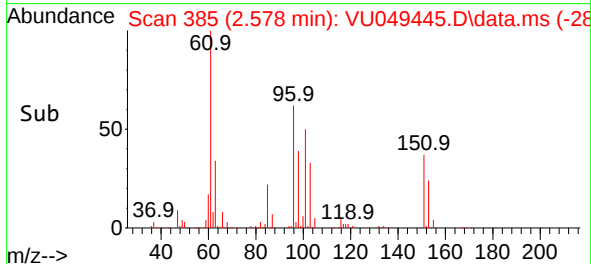
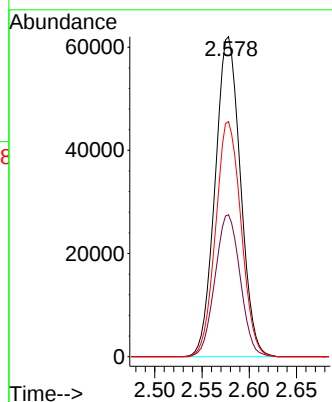
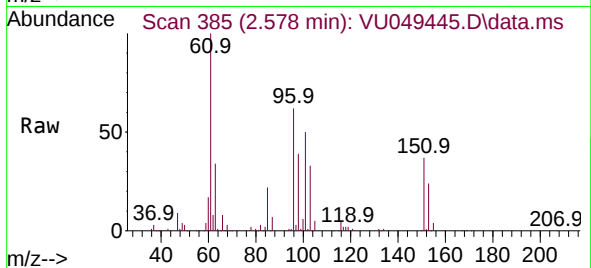




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.731 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049445.D
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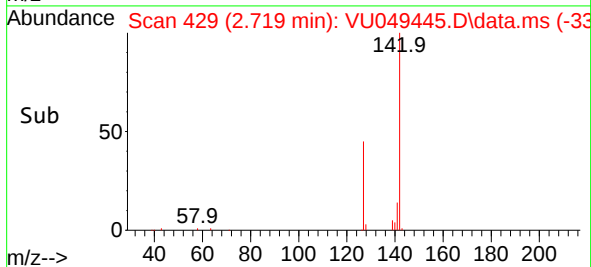
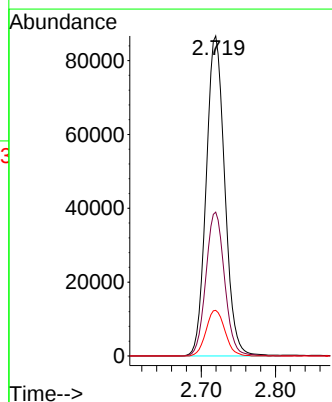
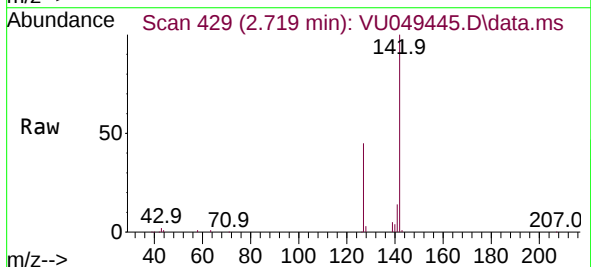
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

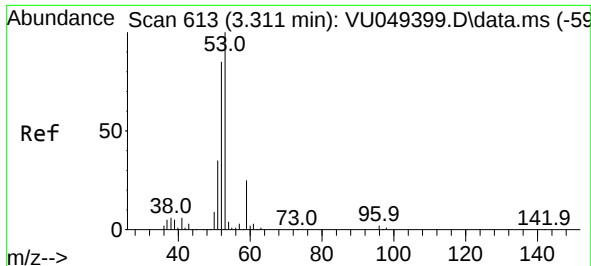
Tgt Ion:101 Resp: 115508
Ion Ratio Lower Upper
101 100
85 44.1 33.9 50.9
151 73.9 64.0 96.0



#10
Methyl Iodide
Concen: 59.037 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion:142 Resp: 150508
Ion Ratio Lower Upper
142 100
127 45.3 32.5 48.7
141 14.5 11.4 17.0

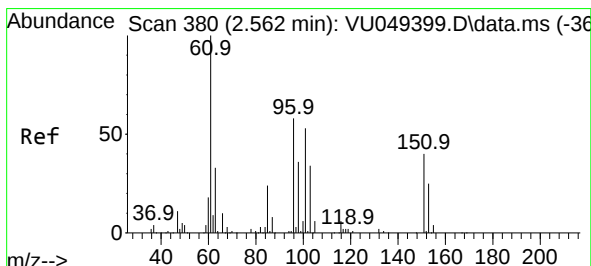
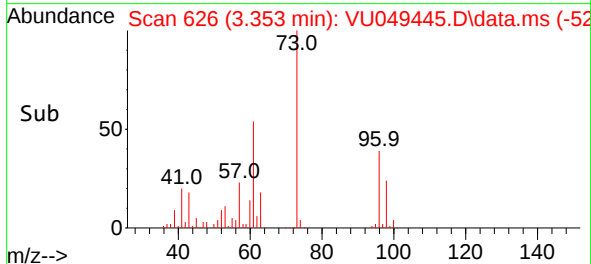
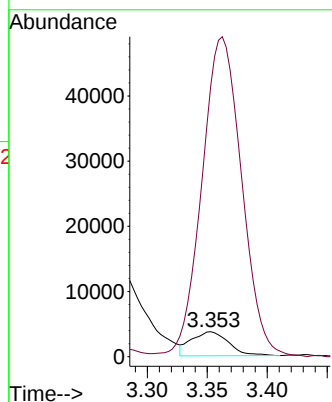
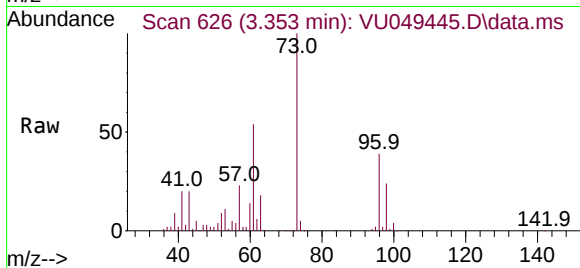




#11
Tert butyl alcohol
Concen: 9.788 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.042 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

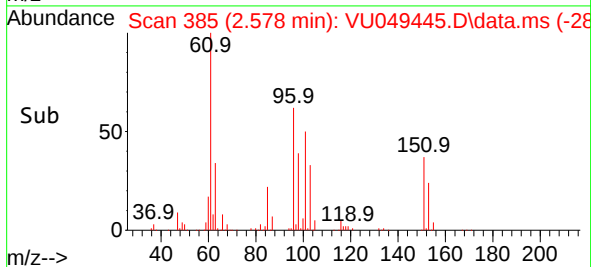
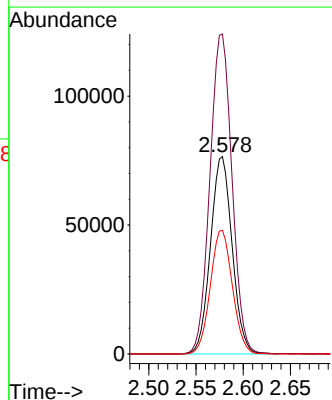
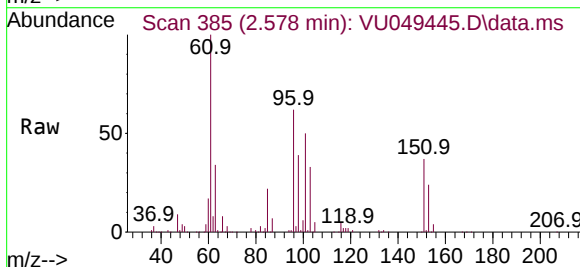
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

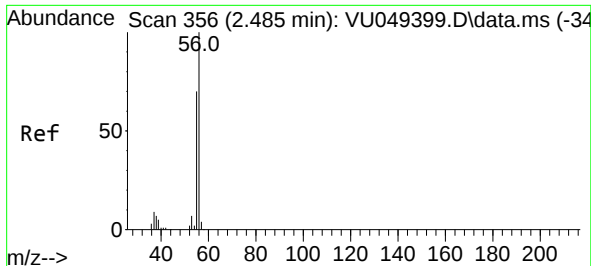
Tgt Ion: 59 Resp: 8033
Ion Ratio Lower Upper
59 100
57 1415.4 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 49.492 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 96 Resp: 122390
Ion Ratio Lower Upper
96 100
61 162.1 122.2 183.2
98 62.6 50.7 76.1

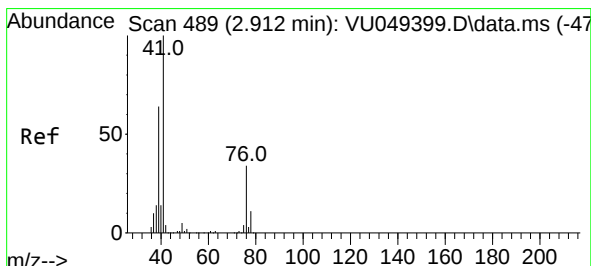
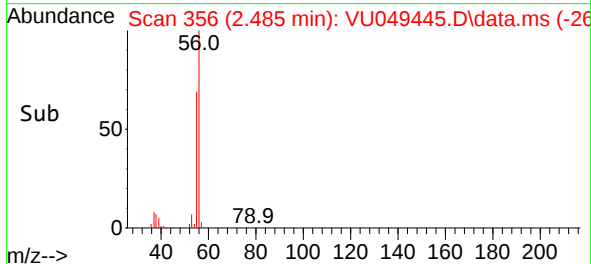
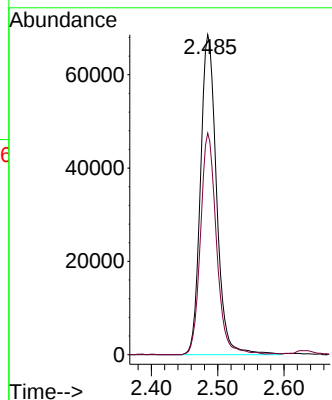
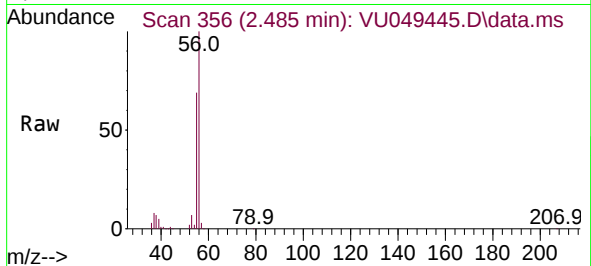




#13
Acrolein
Concen: 207.588 ug/l
RT: 2.485 min Scan# 356
Delta R.T. 0.000 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

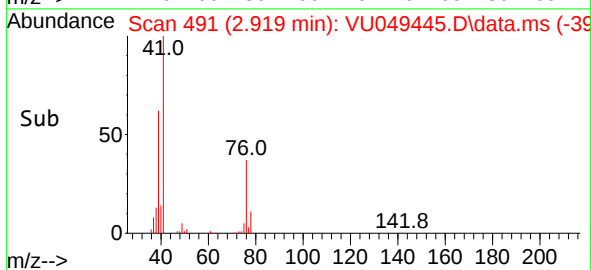
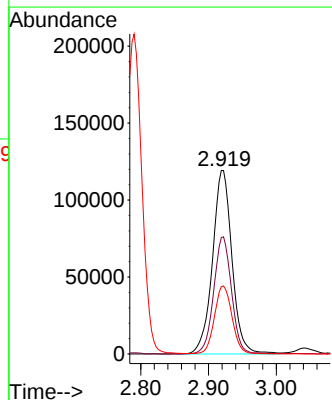
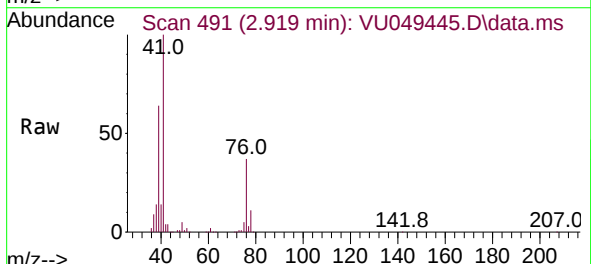
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

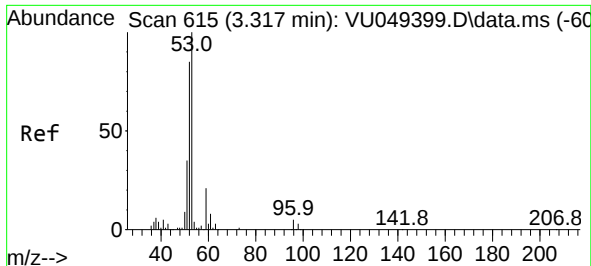
Tgt Ion: 56 Resp: 115378
Ion Ratio Lower Upper
56 100
55 69.1 56.6 85.0



#14
Allyl chloride
Concen: 47.758 ug/l
RT: 2.919 min Scan# 491
Delta R.T. 0.007 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 41 Resp: 238687
Ion Ratio Lower Upper
41 100
39 58.3 53.4 80.2
76 33.1 33.8 50.6#

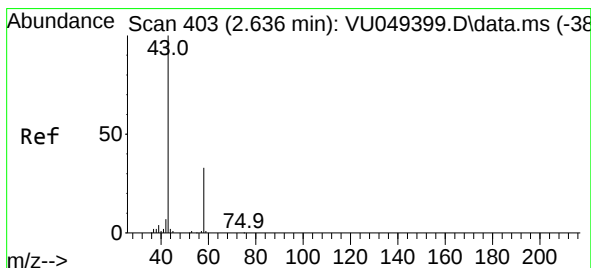
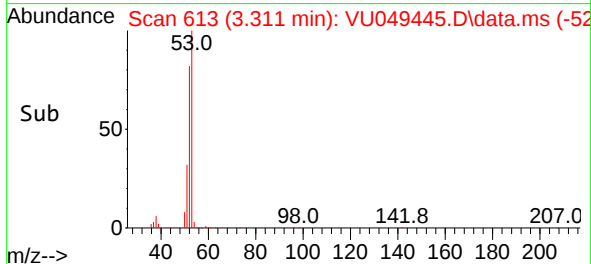
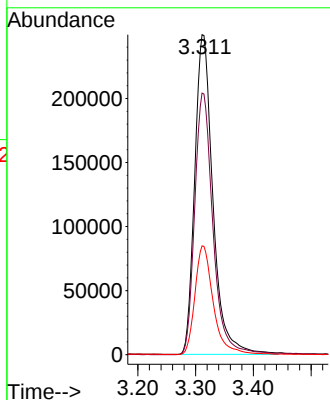
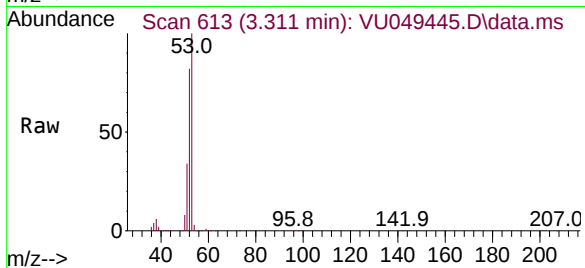




#15
Acrylonitrile
Concen: 277.750 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

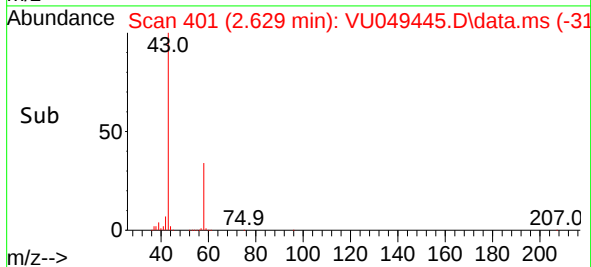
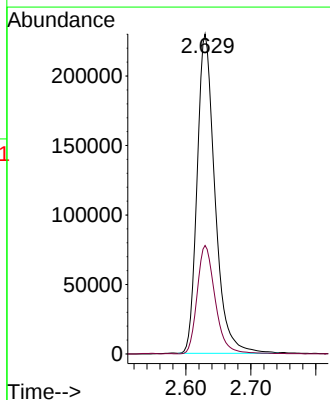
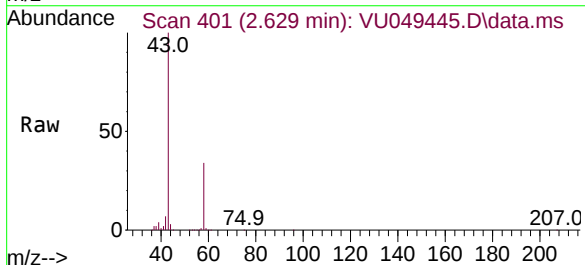
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

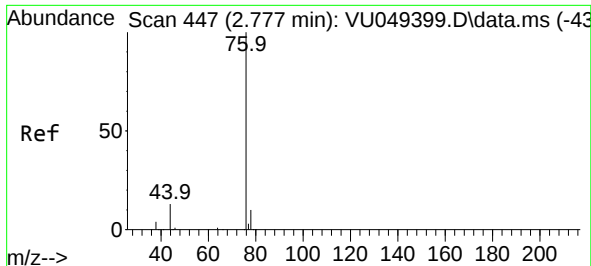
Tgt Ion: 53 Resp: 548249
Ion Ratio Lower Upper
53 100
52 82.0 65.7 98.5
51 33.9 28.2 42.4



#16
Acetone
Concen: 248.808 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 43 Resp: 439966
Ion Ratio Lower Upper
43 100
58 33.9 27.5 41.3

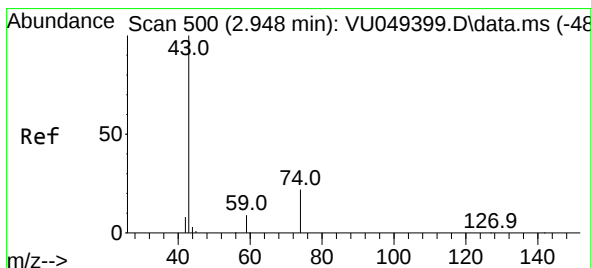
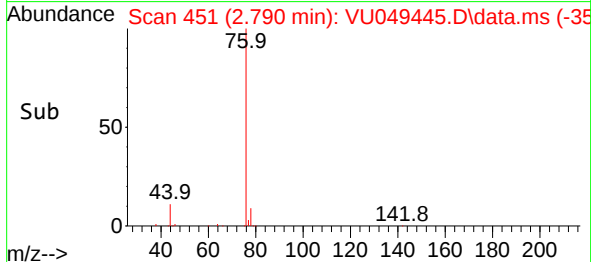
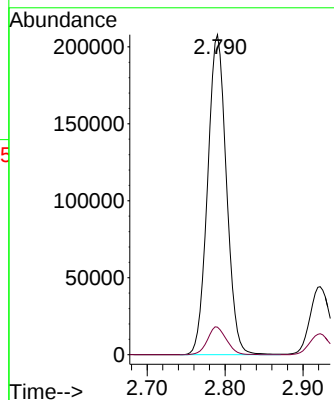
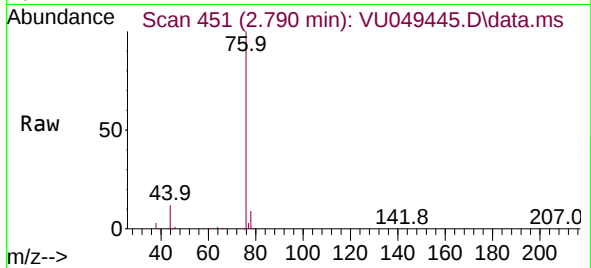




#17
Carbon Disulfide
Concen: 45.149 ug/l
RT: 2.790 min Scan# 447
Delta R.T. 0.013 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

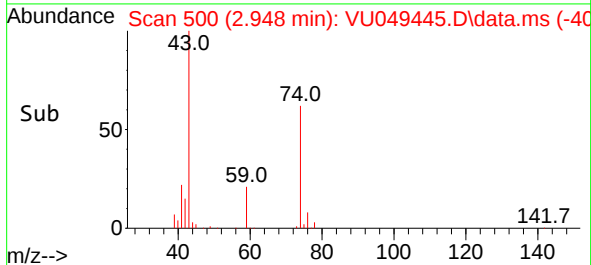
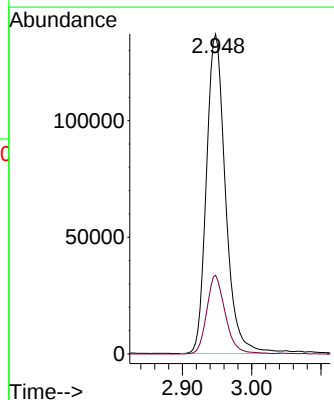
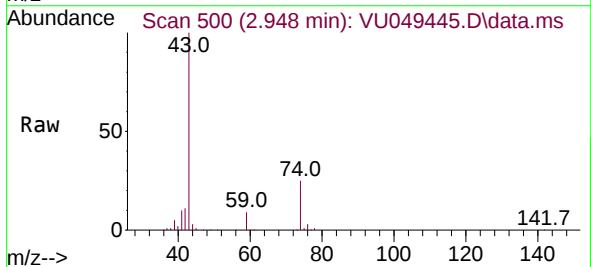
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

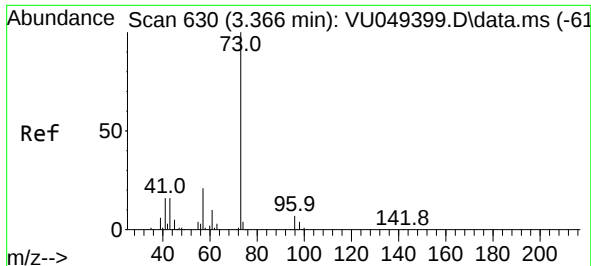
Tgt Ion: 76 Resp: 348195
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 54.541 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 43 Resp: 261076
Ion Ratio Lower Upper
43 100
74 24.1 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 55.375 ug/l

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

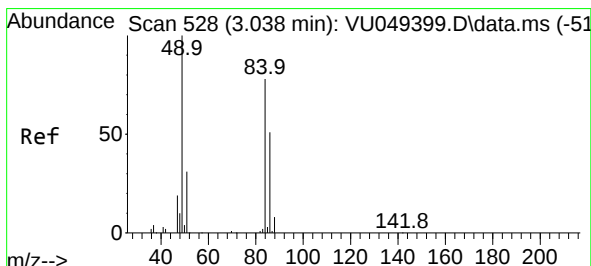
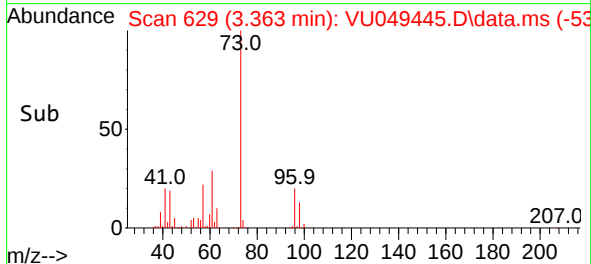
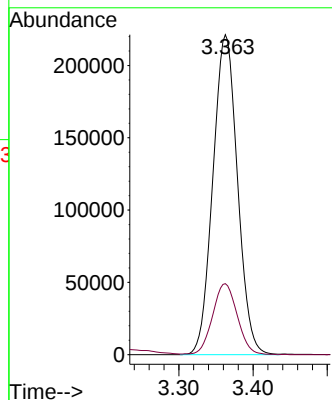
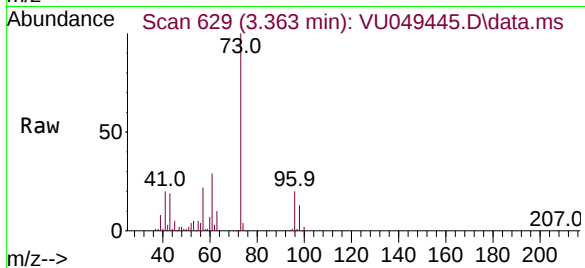
VSTDCCC050EC

Tgt Ion: 73 Resp: 509316

Ion Ratio Lower Upper

73 100

57 22.1 17.1 25.7



#20

Methylene Chloride

Concen: 56.031 ug/l

RT: 3.041 min Scan# 529

Delta R.T. 0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Tgt Ion: 84 Resp: 164670

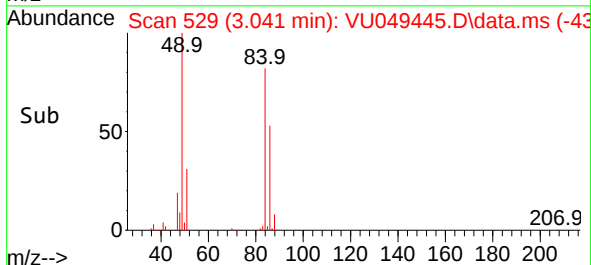
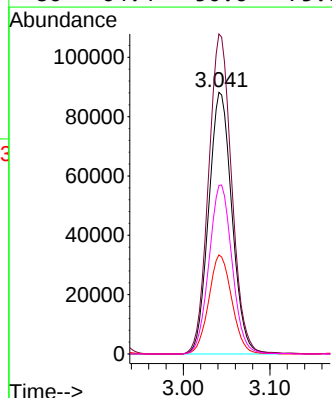
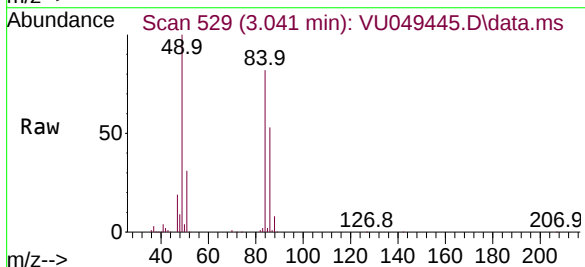
Ion Ratio Lower Upper

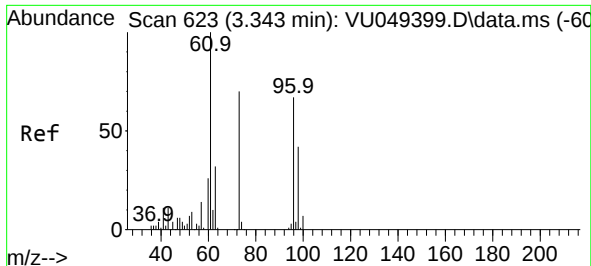
84 100

49 122.3 86.6 129.8

51 37.8 26.6 40.0

86 64.4 50.6 75.8

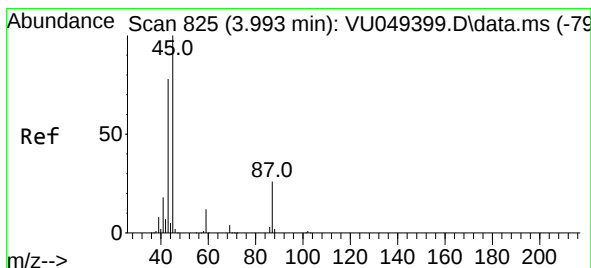
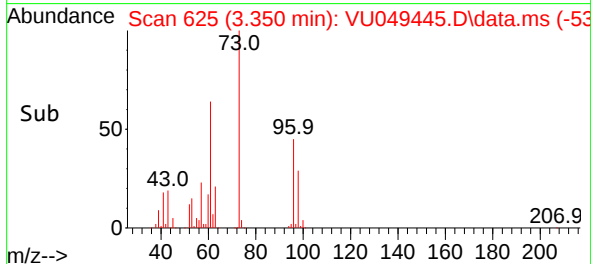
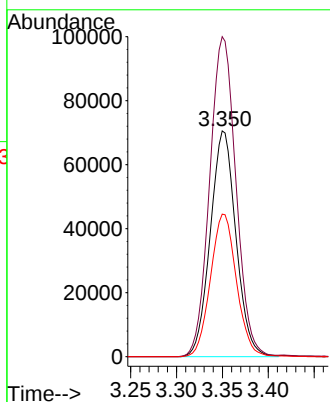
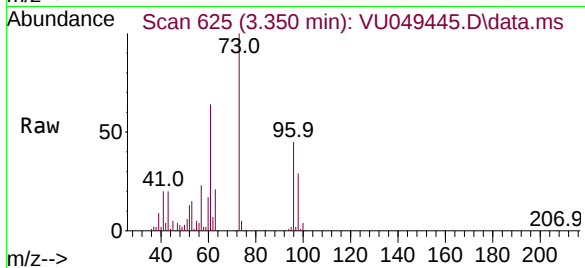




#21
trans-1,2-Dichloroethene
Concen: 51.522 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

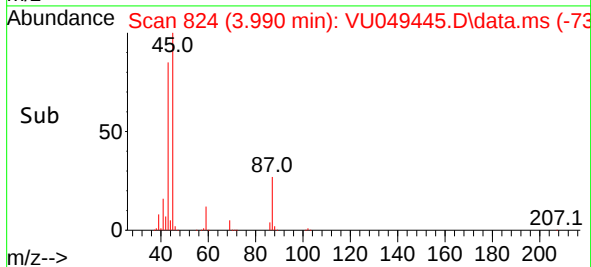
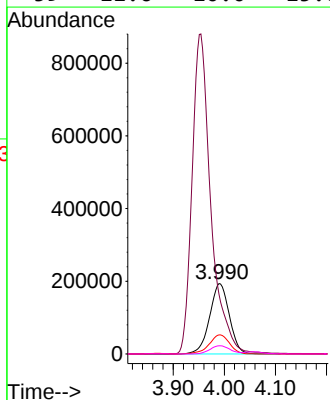
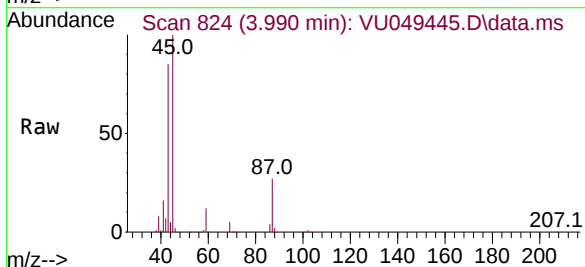
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

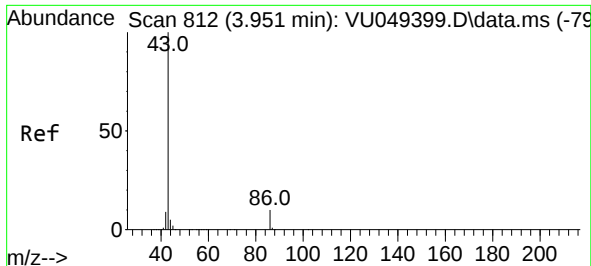
Tgt Ion: 96 Resp: 137349
Ion Ratio Lower Upper
96 100
61 141.7 106.1 159.1
98 63.1 50.8 76.2



#22
Diisopropyl ether
Concen: 54.190 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 45 Resp: 517095
Ion Ratio Lower Upper
45 100
43 83.7 92.9 139.3#
87 27.1 26.2 39.2
59 11.6 10.0 15.0

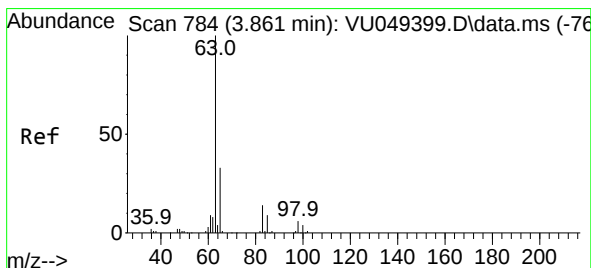
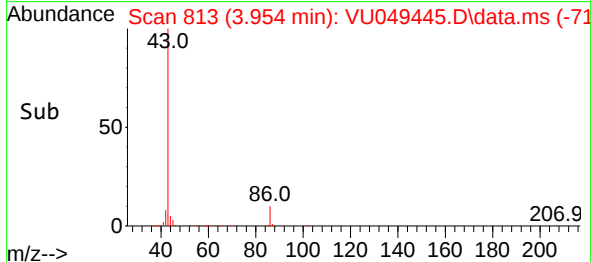
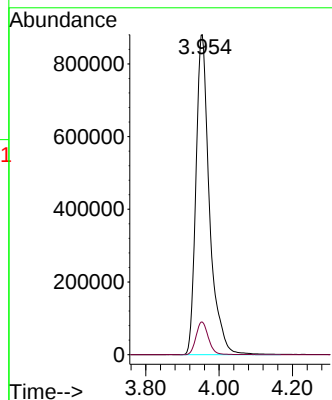
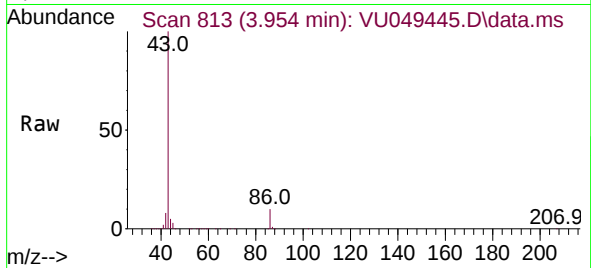




#23
 Vinyl Acetate
 Concen: 269.534 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049445.D
 Acq: 28 Jun 2022 08:33

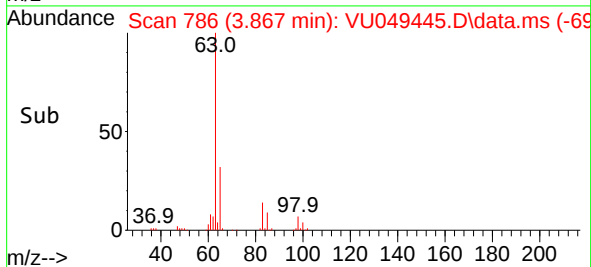
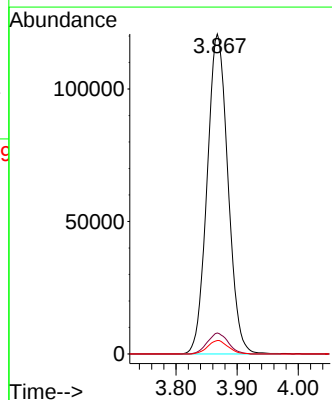
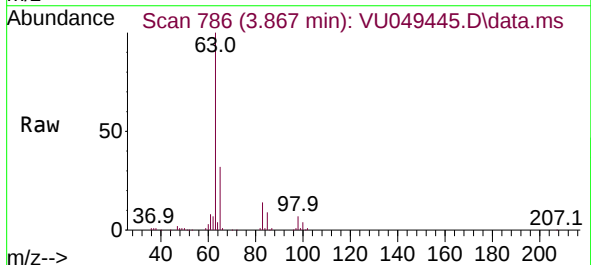
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

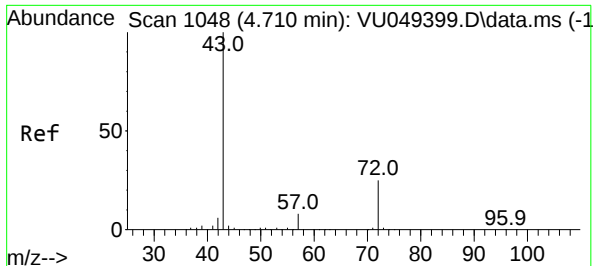
Tgt Ion: 43 Resp: 2254313
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 52.143 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.007 min
 Lab File: VU049445.D
 Acq: 28 Jun 2022 08:33

Tgt Ion: 63 Resp: 285806
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 276.501 ug/l

RT: 4.700 min Scan# 1048

Delta R.T. -0.010 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

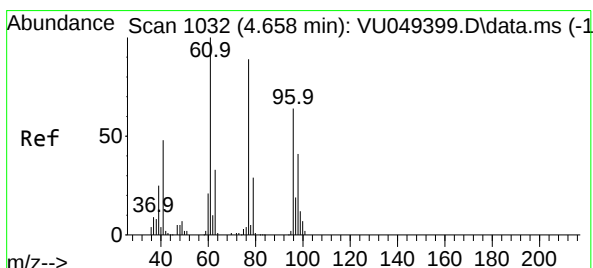
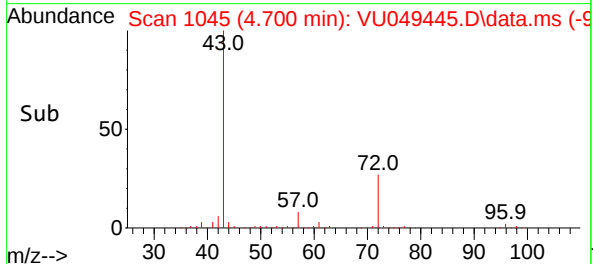
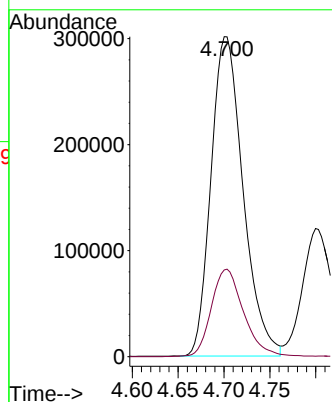
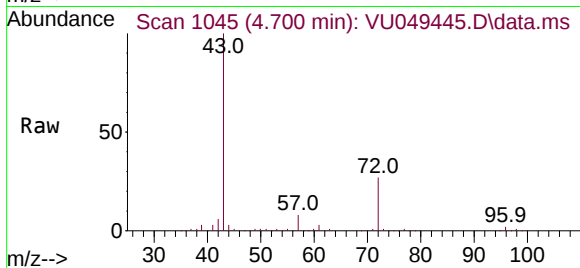
VSTDCCC050EC

Tgt Ion: 43 Resp: 732741

Ion Ratio Lower Upper

43 100

72 26.9 23.8 35.6



#26

2,2-Dichloropropane

Concen: 26.789 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU049445.D

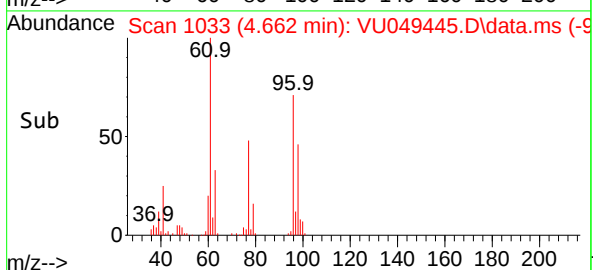
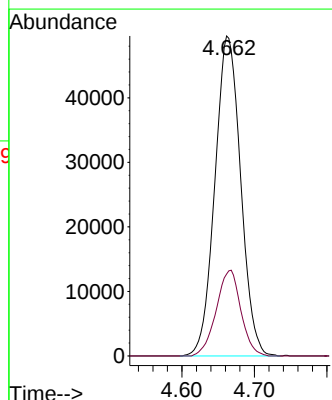
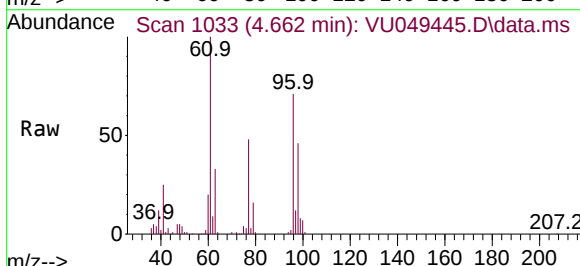
Acq: 28 Jun 2022 08:33

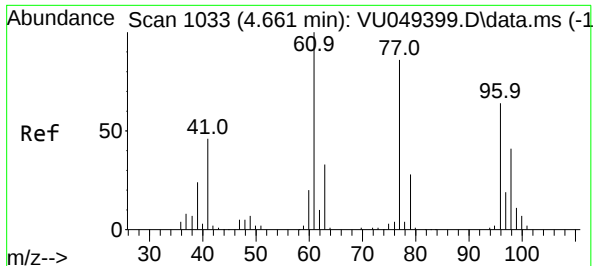
Tgt Ion: 77 Resp: 122212

Ion Ratio Lower Upper

77 100

97 25.7 11.6 34.8

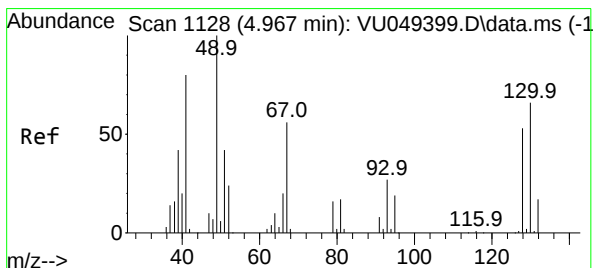
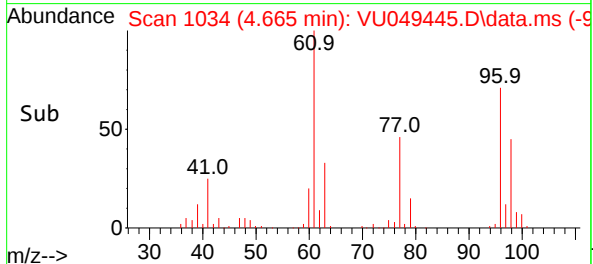
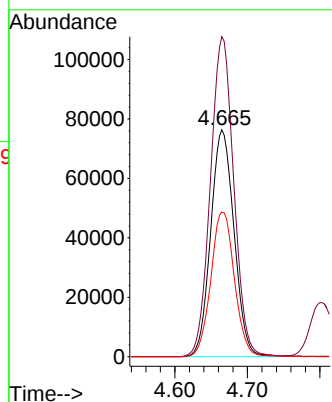
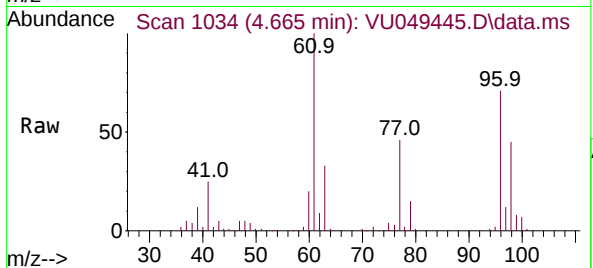




#27
cis-1,2-Dichloroethene
Concen: 55.406 ug/l
RT: 4.665 min Scan# 110
Delta R.T. 0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

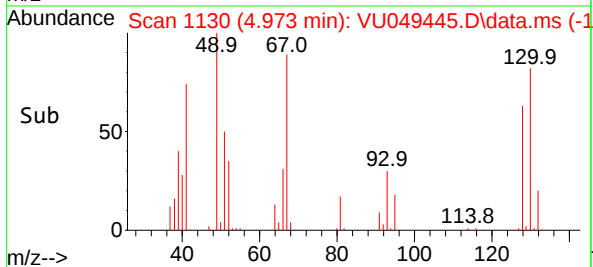
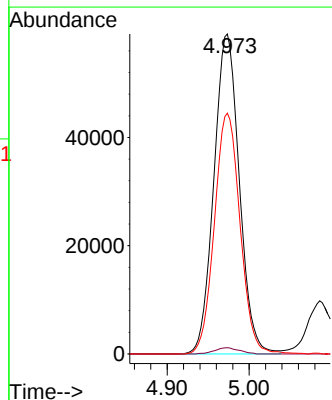
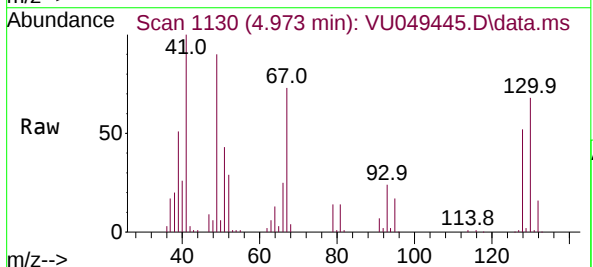
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

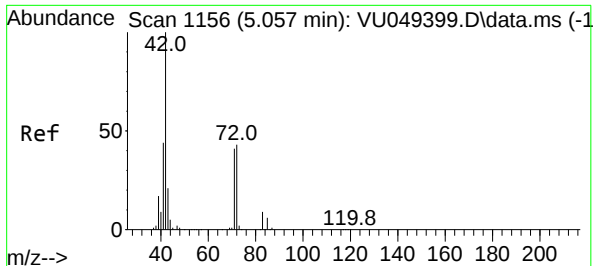
Tgt Ion: 96 Resp: 170656
Ion Ratio Lower Upper
96 100
61 141.1 0.0 271.6
98 64.5 0.0 128.2



#28
Bromochloromethane
Concen: 53.267 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.007 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 49 Resp: 127621
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 75.9 76.9 115.3#





#29

Tetrahydrofuran

Concen: 269.288 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

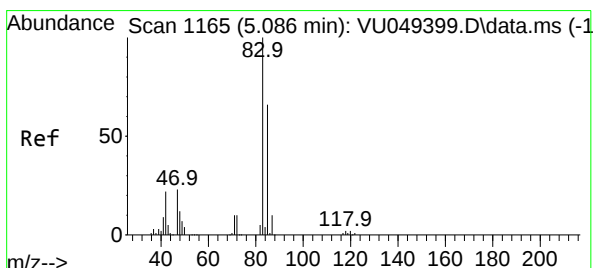
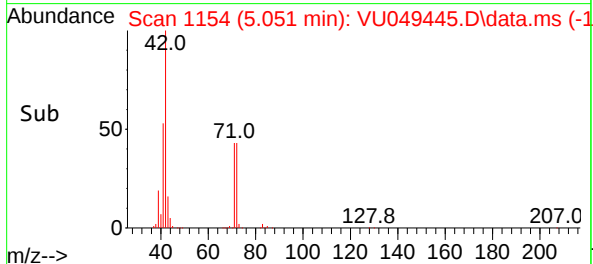
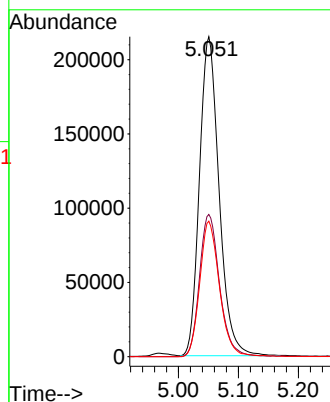
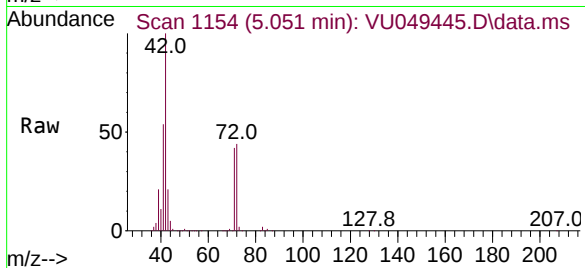
Tgt Ion: 42 Resp: 489554

Ion Ratio Lower Upper

42 100

72 45.6 42.6 63.8

71 42.5 40.3 60.5



#30

Chloroform

Concen: 52.570 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049445.D

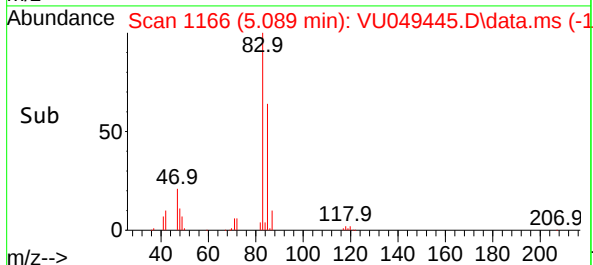
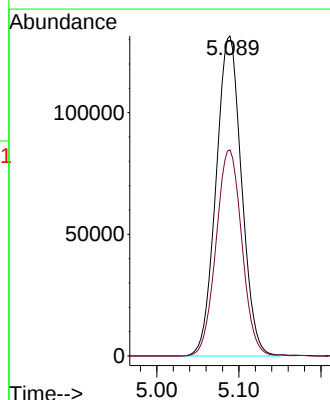
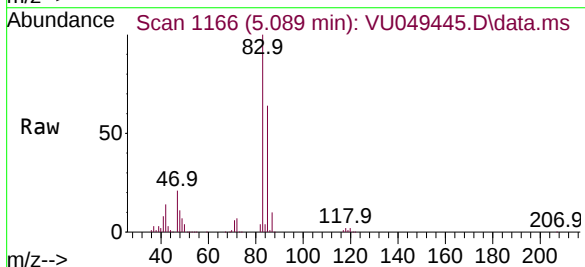
Acq: 28 Jun 2022 08:33

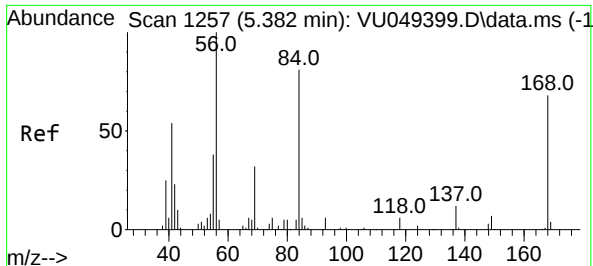
Tgt Ion: 83 Resp: 285034

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

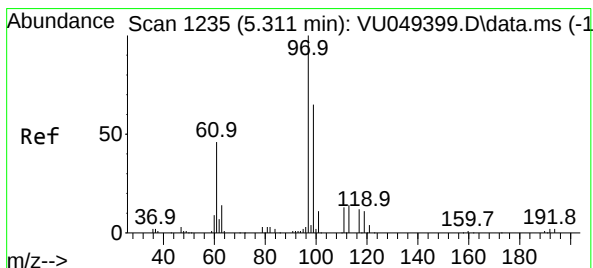
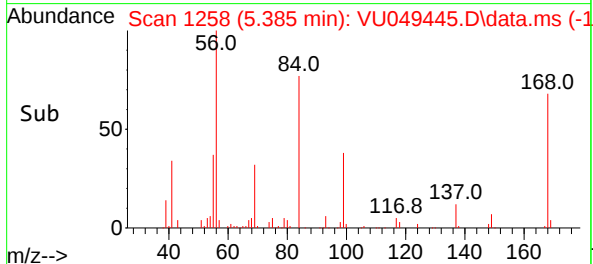
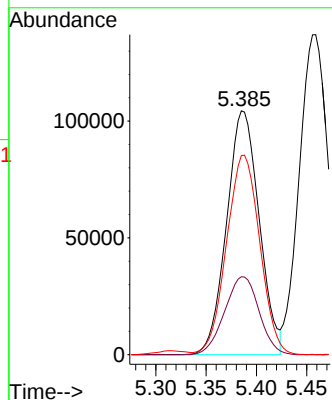
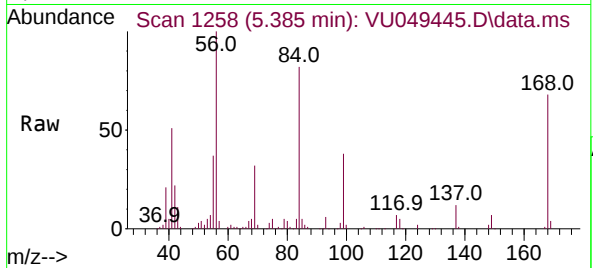




#31
Cyclohexane
Concen: 44.708 ug/l
RT: 5.385 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

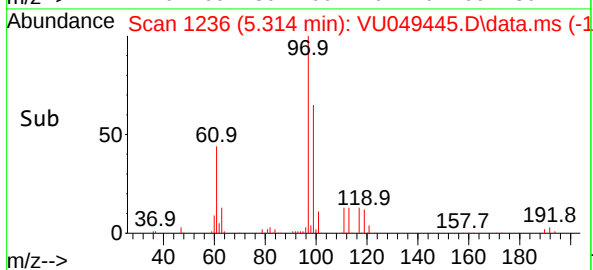
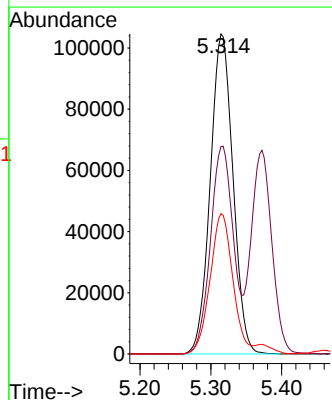
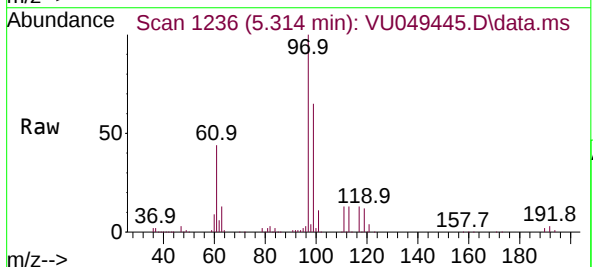
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 235388
Ion Ratio Lower Upper
56 100
69 31.9 27.8 41.8
84 80.3 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 49.546 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 97 Resp: 233086
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 43.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.314 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

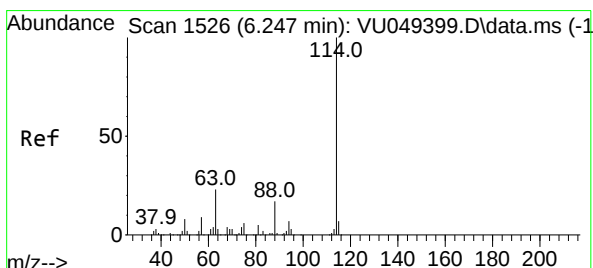
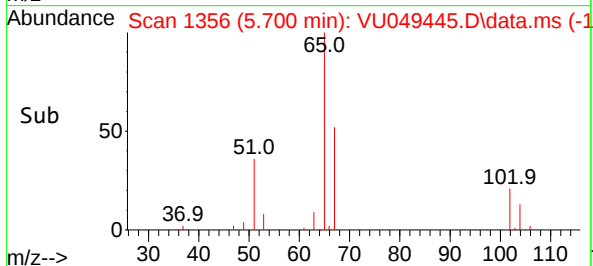
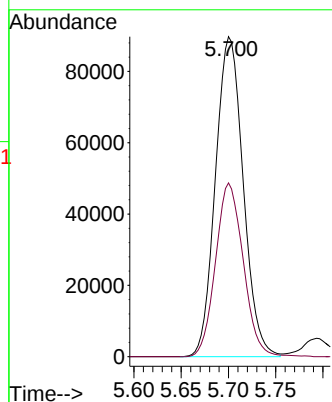
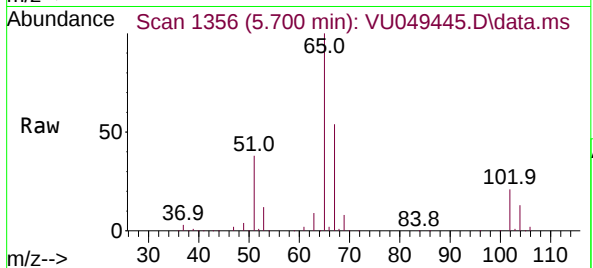
VSTDCCC050EC

Tgt Ion: 65 Resp: 183438

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

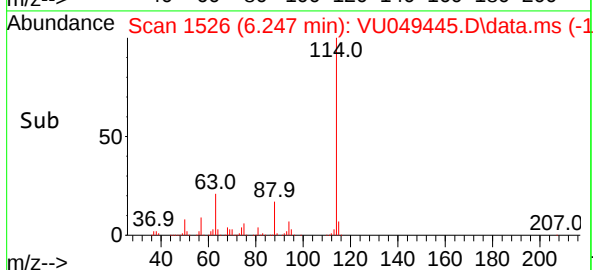
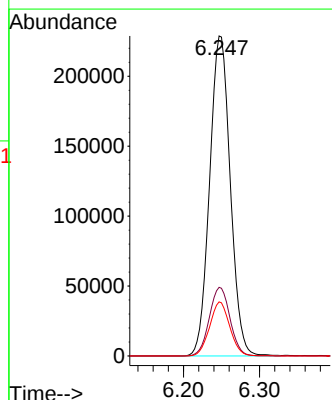
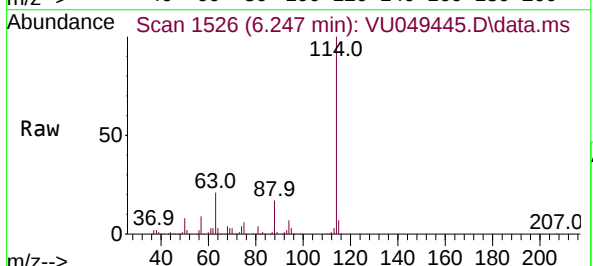
Tgt Ion: 114 Resp: 431455

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.663 ug/l

RT: 5.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

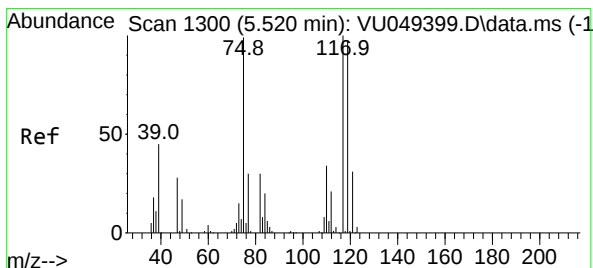
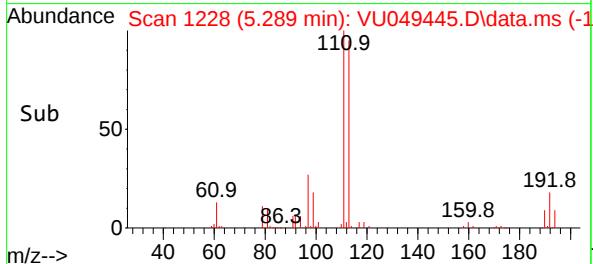
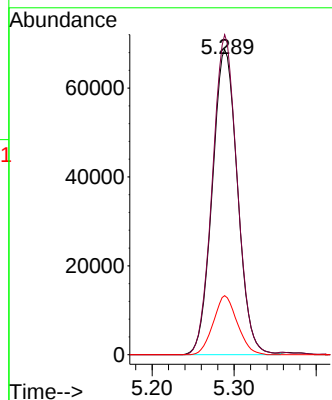
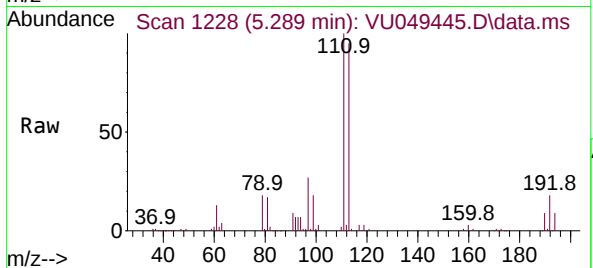
Tgt Ion:113 Resp: 146892

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

192 18.4 18.0 27.0



#36

1,1-Dichloropropene

Concen: 43.641 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.007 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

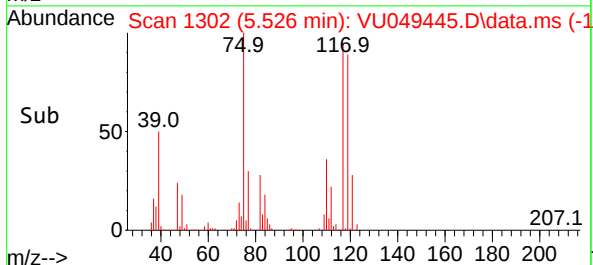
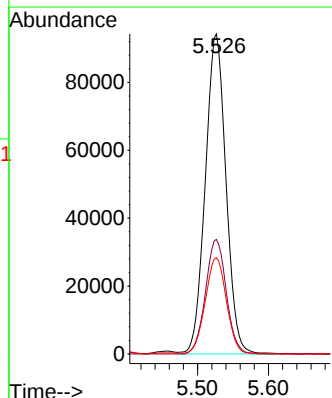
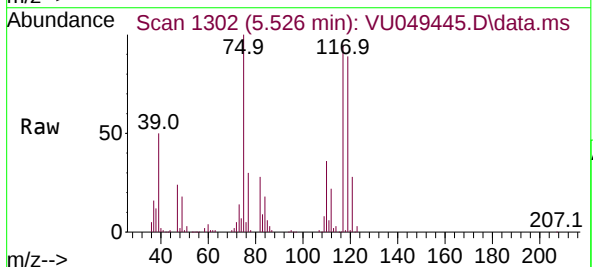
Tgt Ion: 75 Resp: 191012

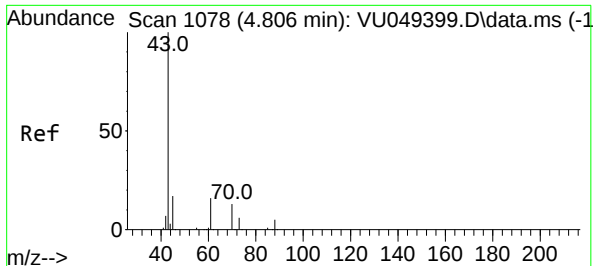
Ion Ratio Lower Upper

75 100

110 35.8 18.4 55.2

77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 47.008 ug/l

RT: 4.800 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

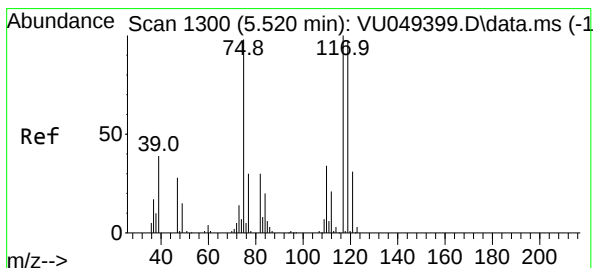
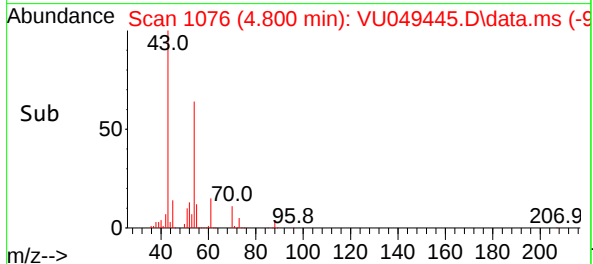
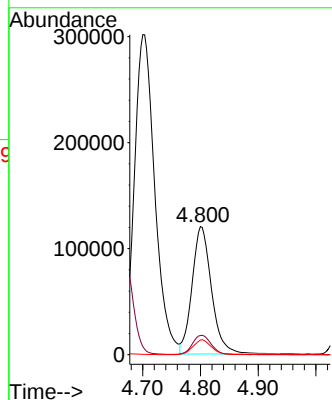
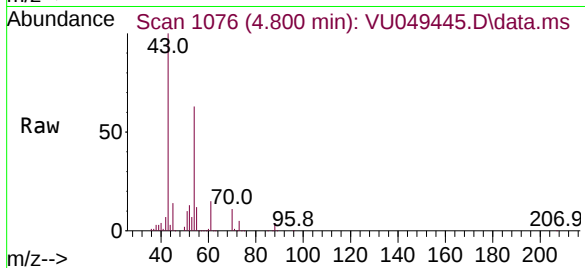
Tgt Ion: 43 Resp: 281149

Ion Ratio Lower Upper

43 100

61 14.5 9.5 14.3#

70 11.1 7.5 11.3



#38

Carbon Tetrachloride

Concen: 42.791 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

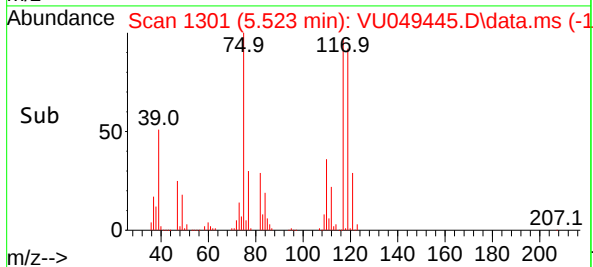
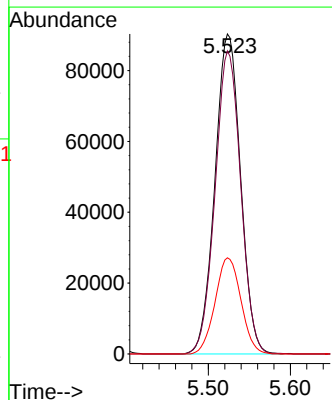
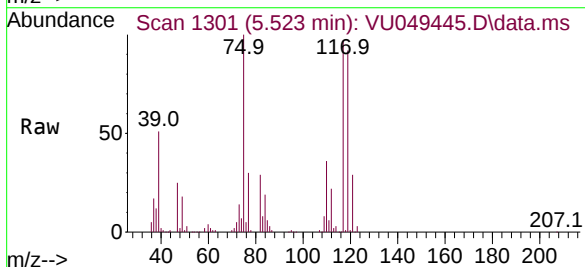
Tgt Ion:117 Resp: 196422

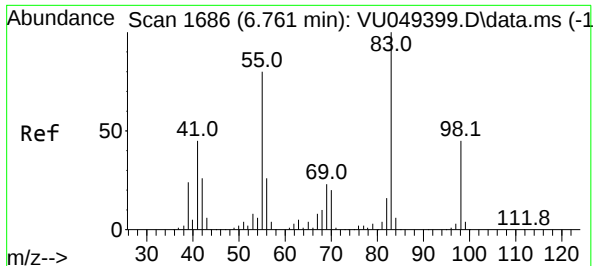
Ion Ratio Lower Upper

117 100

119 94.7 76.8 115.2

121 30.1 24.7 37.1





#39

Methylcyclohexane

Concen: 42.035 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

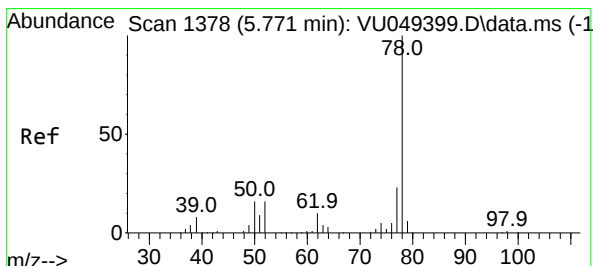
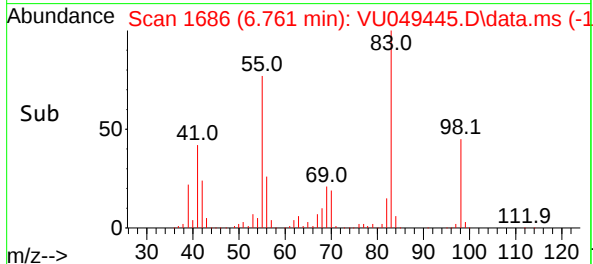
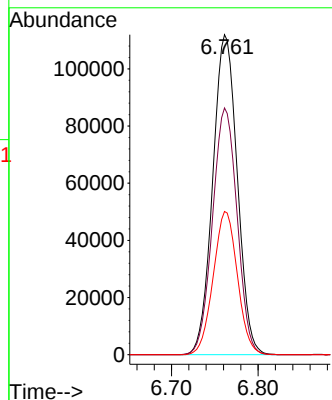
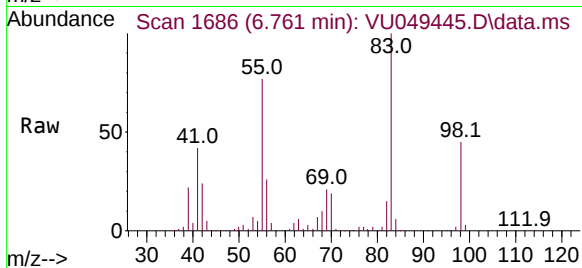
Tgt Ion: 83 Resp: 220526

Ion Ratio Lower Upper

83 100

55 77.1 55.3 82.9

98 44.7 37.3 55.9



#40

Benzene

Concen: 47.836 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049445.D

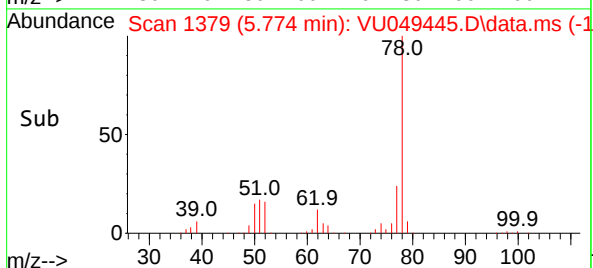
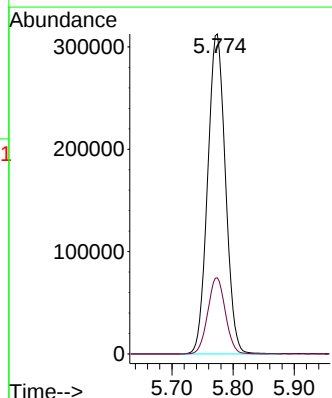
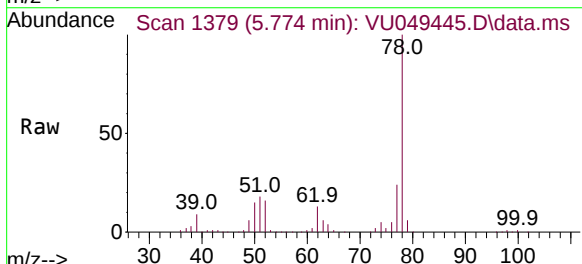
Acq: 28 Jun 2022 08:33

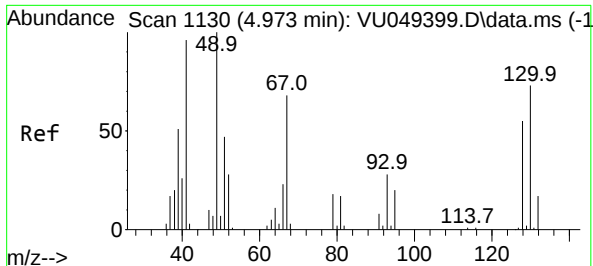
Tgt Ion: 78 Resp: 632131

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2



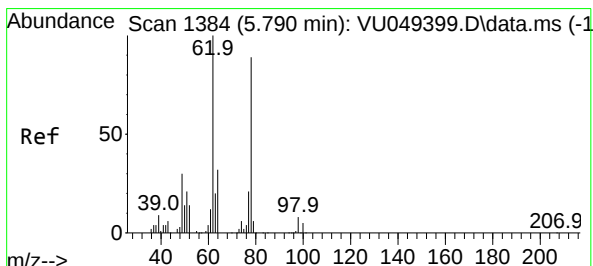
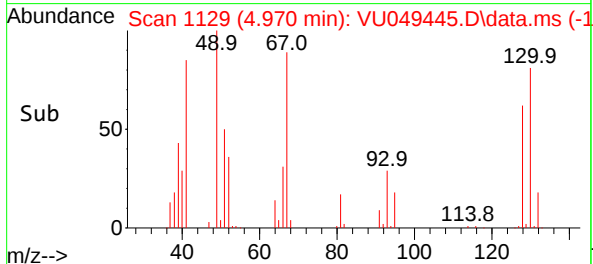
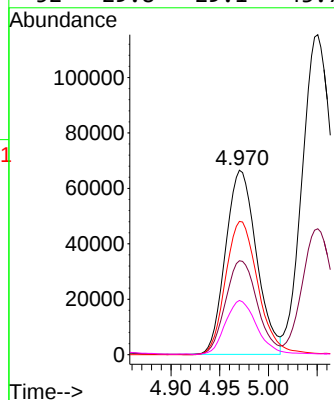
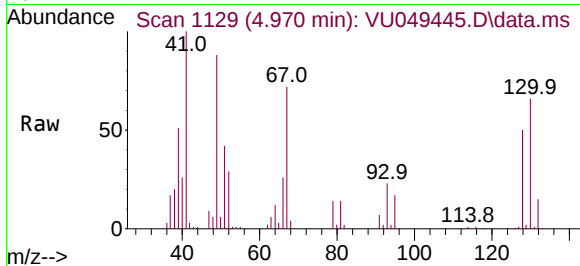


#41
Methacrylonitrile
Concen: 49.210 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 147475

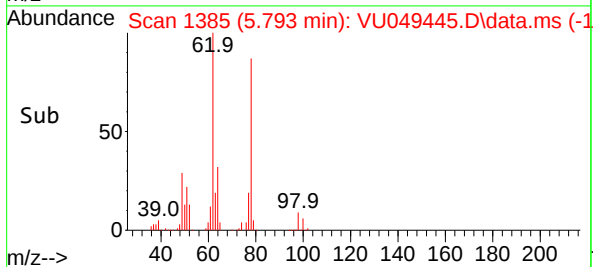
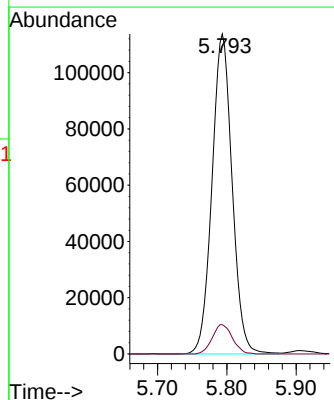
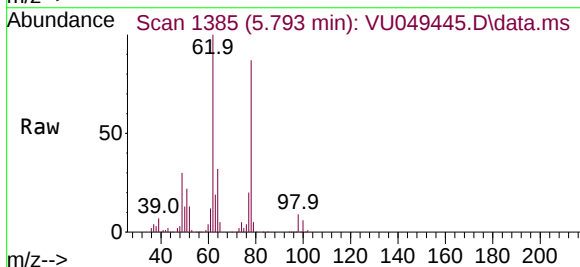
Ion	Ratio	Lower	Upper
41	100		
39	52.4	43.1	64.7
67	76.0	72.3	108.5
52	29.8	29.1	43.7

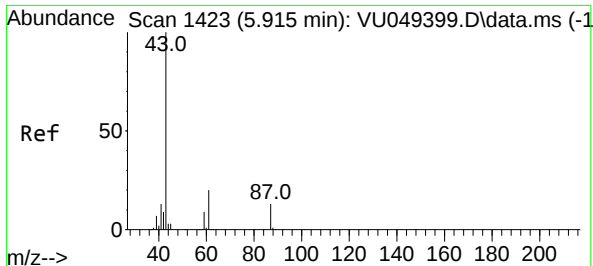


#42
1,2-Dichloroethane
Concen: 46.601 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 62 Resp: 229190

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6

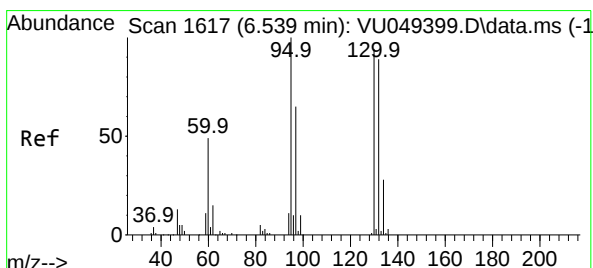
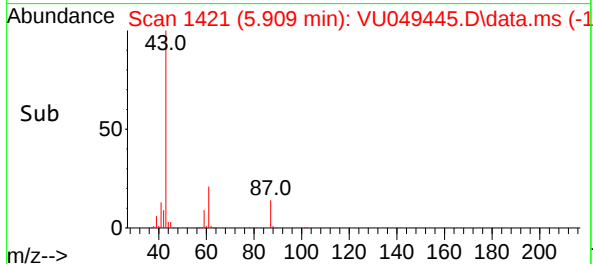
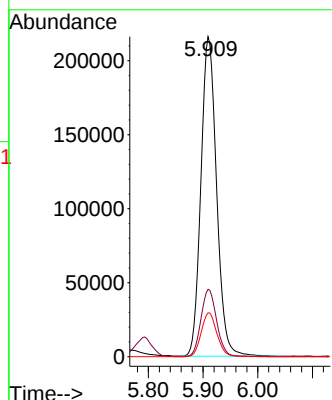
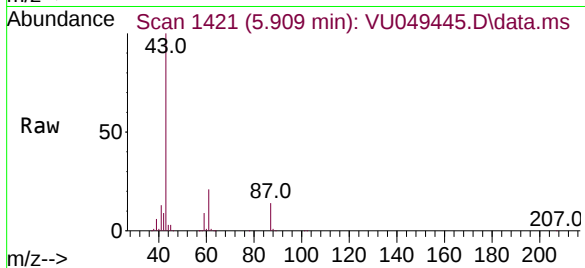




#43
Isopropyl Acetate
Concen: 48.997 ug/l
RT: 5.909 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

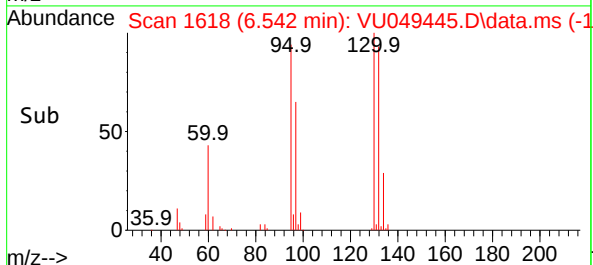
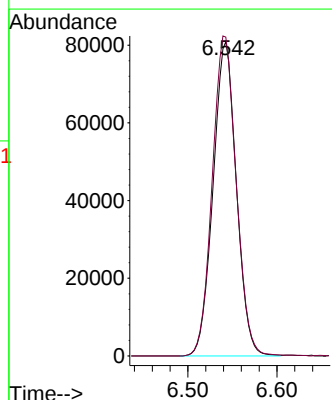
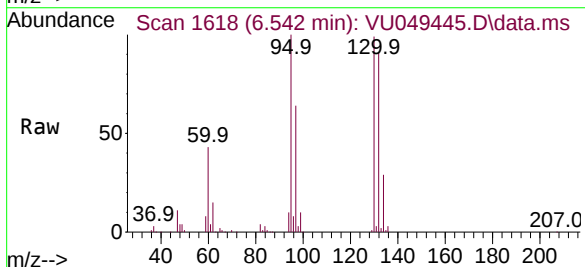
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

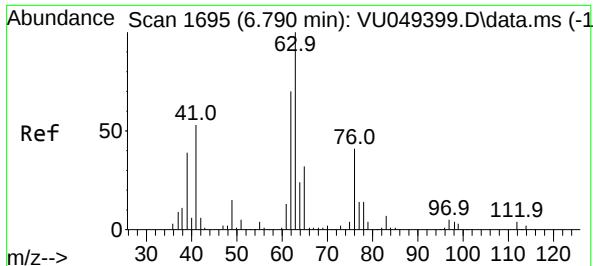
Tgt Ion: 43 Resp: 429393
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.0
87 13.8 12.6 18.8



#44
Trichloroethene
Concen: 46.832 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion:130 Resp: 147117
Ion Ratio Lower Upper
130 100
95 101.5 0.0 184.6





#45

1,2-Dichloropropane

Concen: 48.366 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

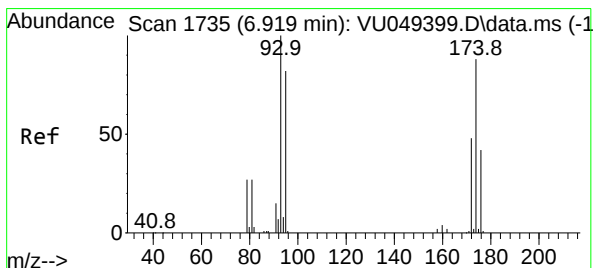
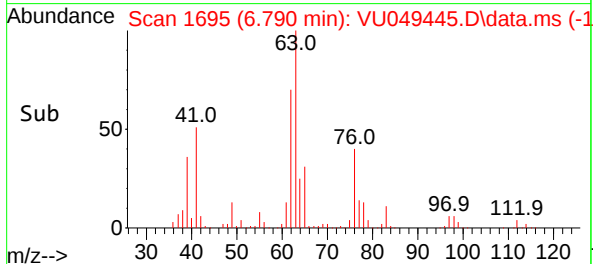
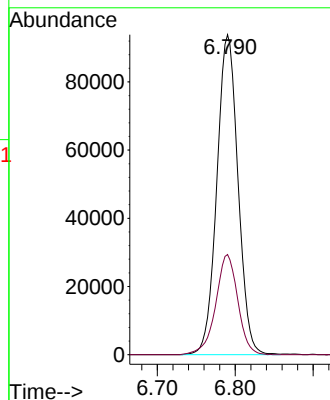
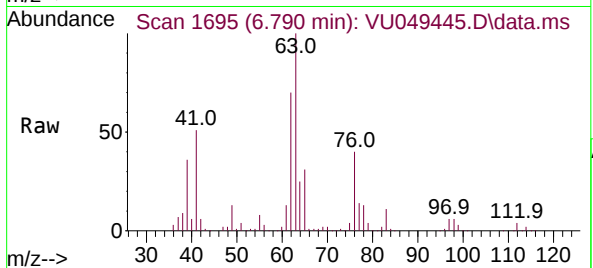
VSTDCCC050EC

Tgt Ion: 63 Resp: 177097

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4



#46

Dibromomethane

Concen: 49.638 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

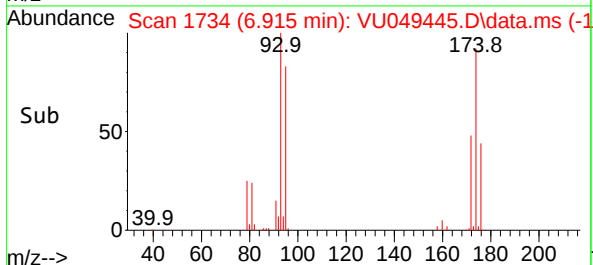
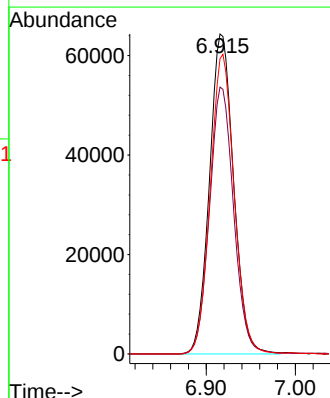
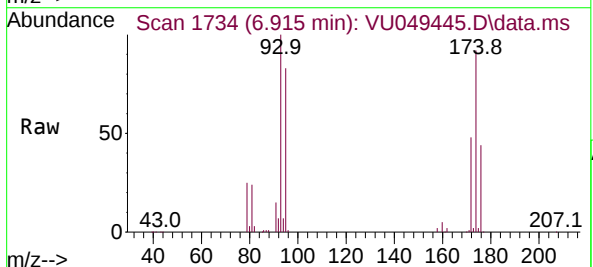
Tgt Ion: 93 Resp: 121178

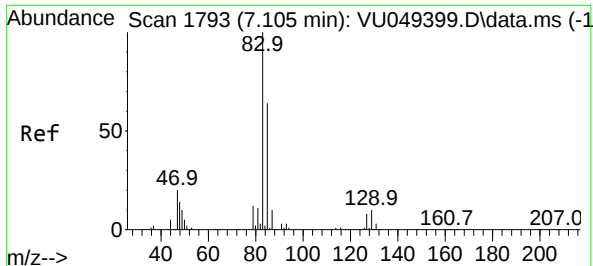
Ion Ratio Lower Upper

93 100

95 83.4 66.3 99.5

174 92.7 88.2 132.4

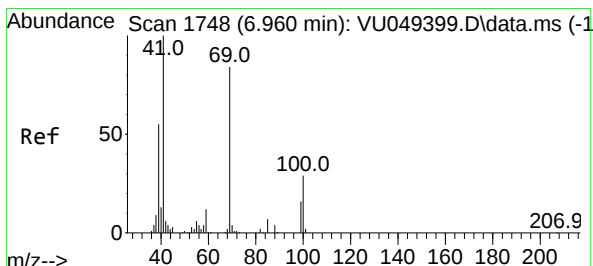
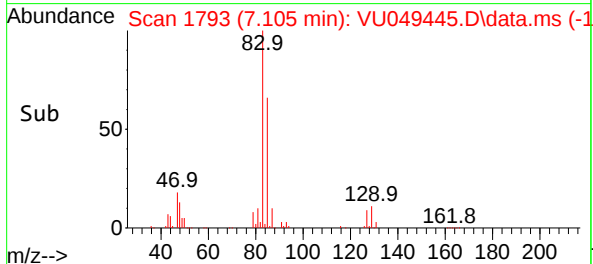
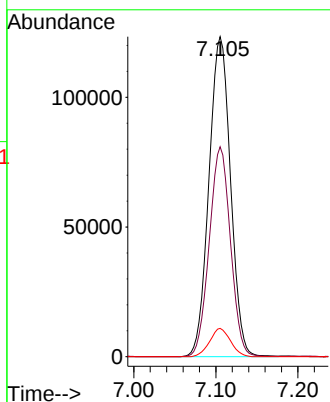
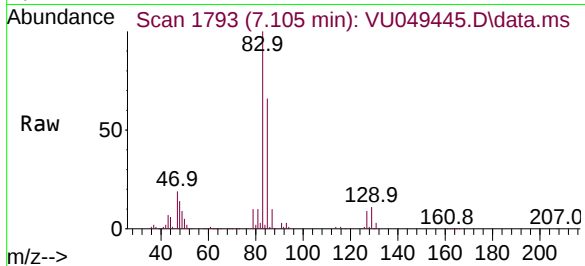




#47
Bromodichloromethane
Concen: 47.957 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

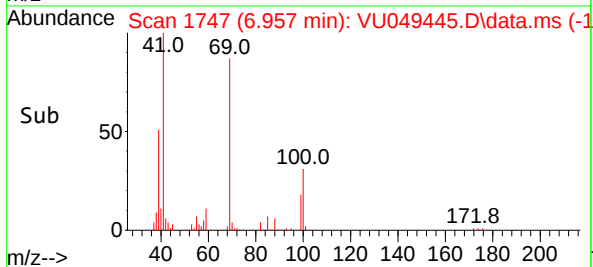
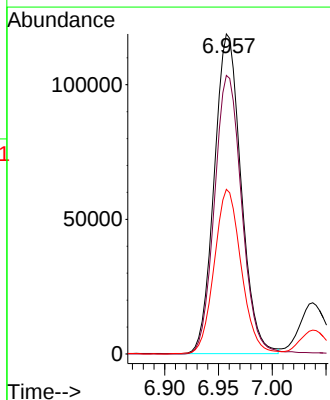
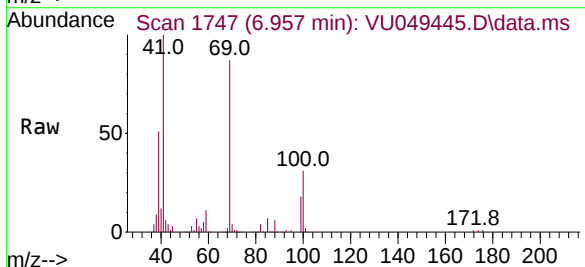
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

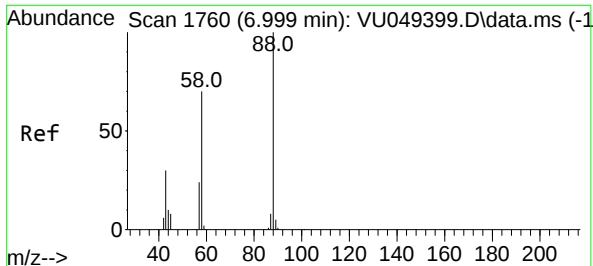
Tgt Ion: 83 Resp: 225334
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.2
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 50.252 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 41 Resp: 206382
Ion Ratio Lower Upper
41 100
69 88.8 79.8 119.6
39 51.9 47.9 71.9





#49

1,4-Dioxane

Concen: 945.854 ug/l

RT: 6.986 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

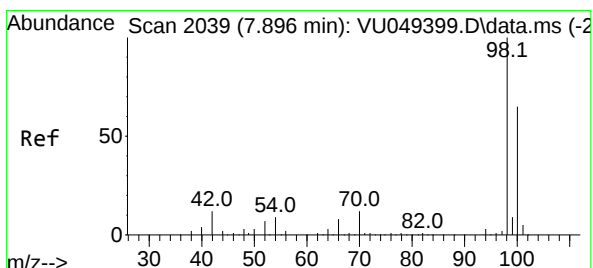
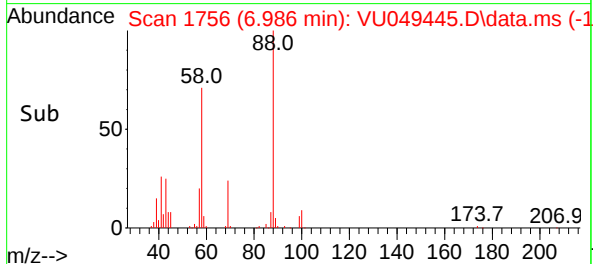
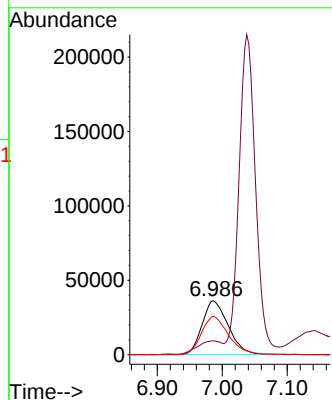
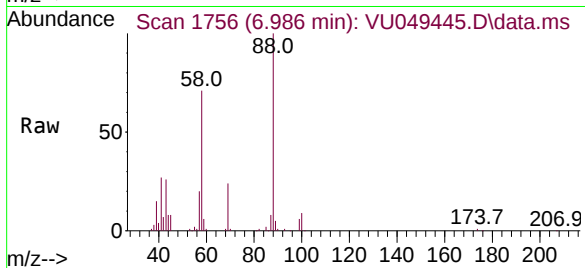
Tgt Ion: 88 Resp: 99522

Ion Ratio Lower Upper

88 100

43 24.4 0.0 0.0#

58 75.2 15.4 23.0#



#50

Toluene-d8

Concen: 49.375 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049445.D

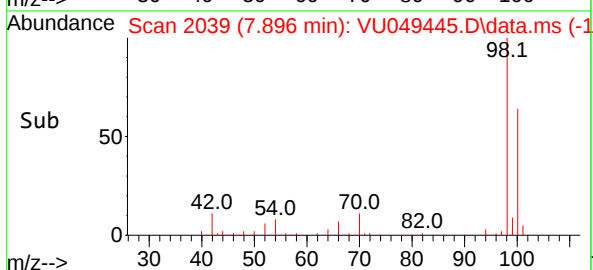
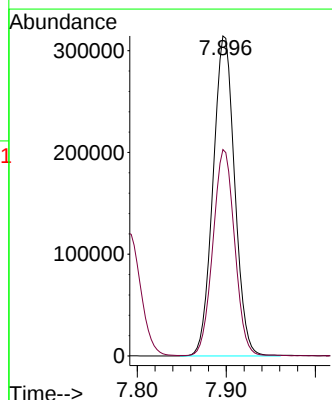
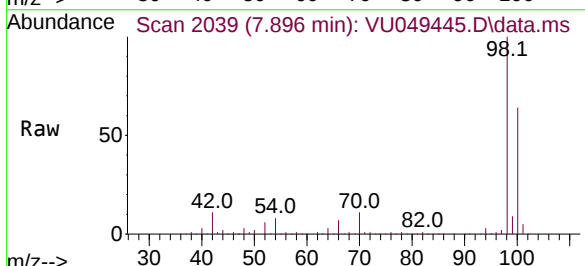
Acq: 28 Jun 2022 08:33

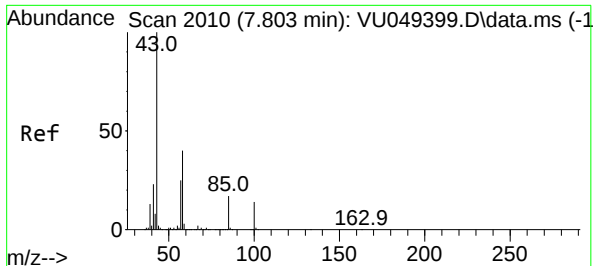
Tgt Ion: 98 Resp: 531593

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 243.506 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

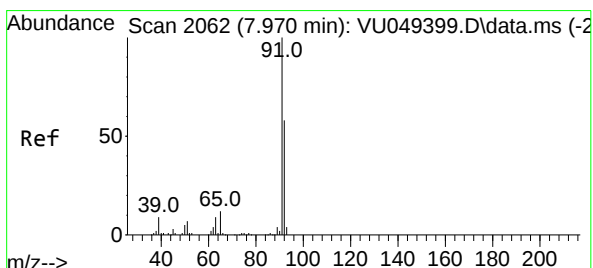
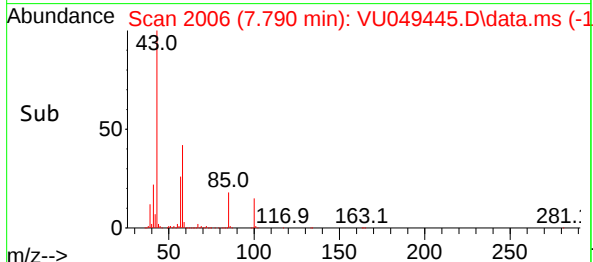
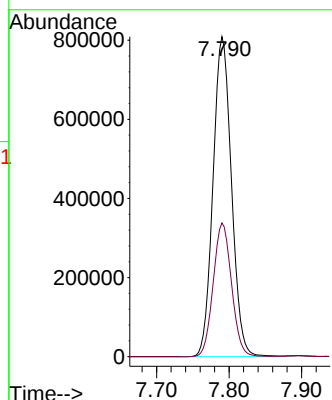
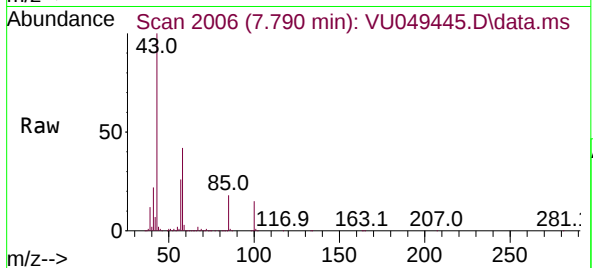
VSTDCCC050EC

Tgt Ion: 43 Resp: 1428185

Ion Ratio Lower Upper

43 100

58 41.6 34.7 52.1



#52

Toluene

Concen: 48.962 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049445.D

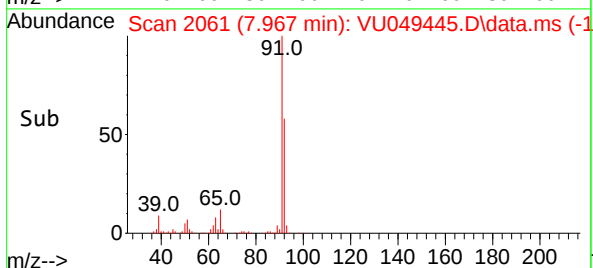
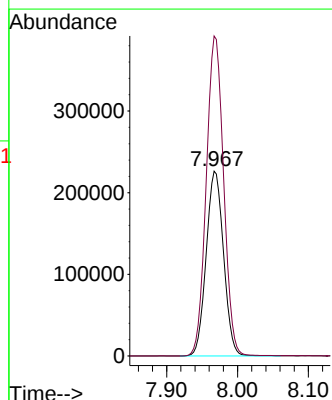
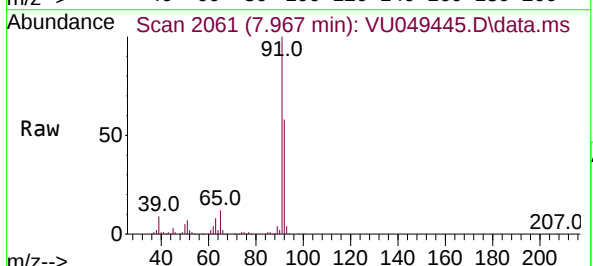
Acq: 28 Jun 2022 08:33

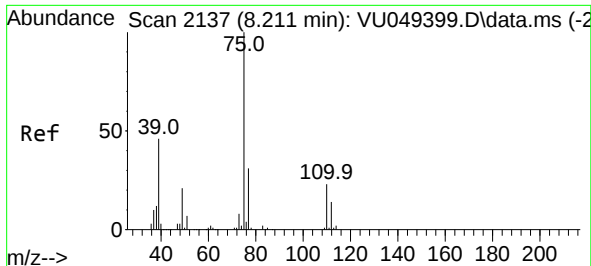
Tgt Ion: 92 Resp: 384556

Ion Ratio Lower Upper

92 100

91 173.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 46.372 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

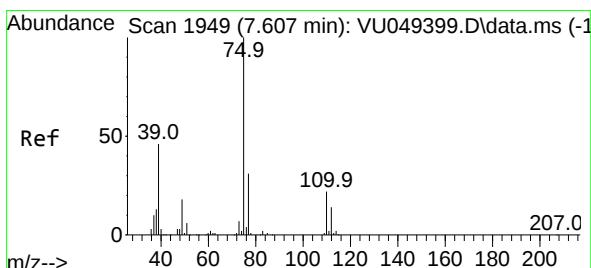
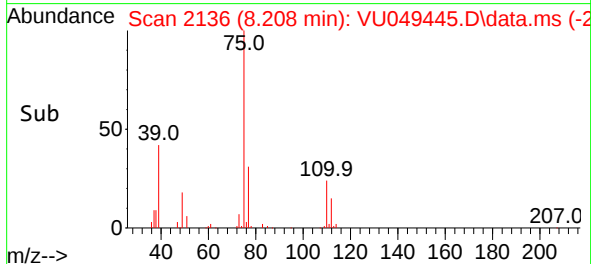
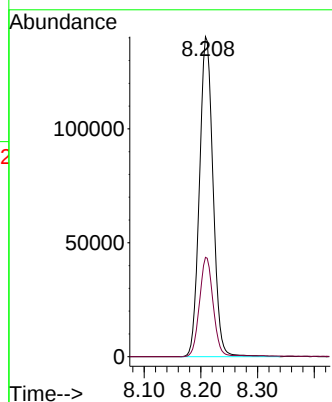
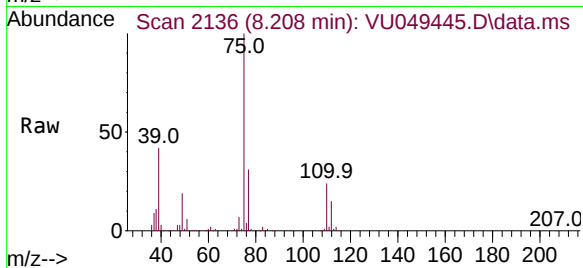
VSTDCCC050EC

Tgt Ion: 75 Resp: 233721

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 46.052 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

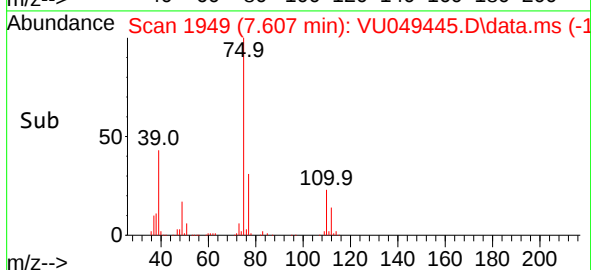
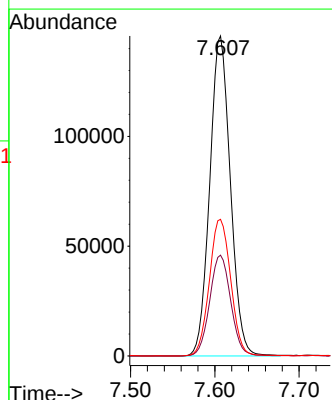
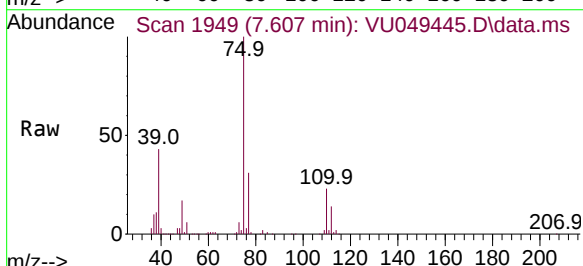
Tgt Ion: 75 Resp: 247829

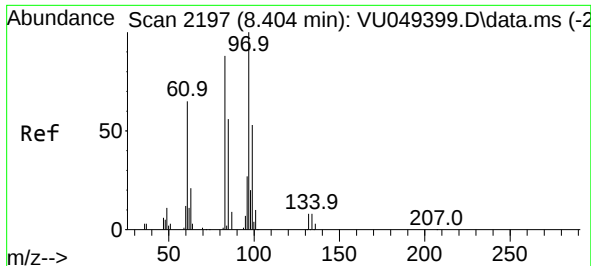
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 42.7 33.0 49.6





#55

1,1,2-Trichloroethane

Concen: 50.468 ug/l

RT: 8.398 min Scan# 2195

Delta R.T. -0.006 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 163886

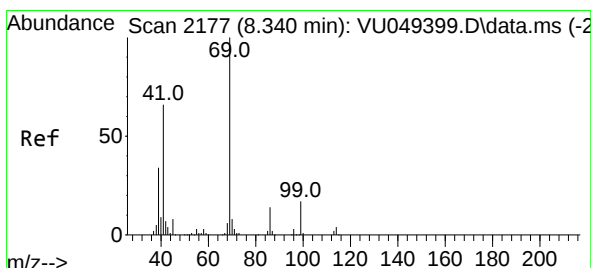
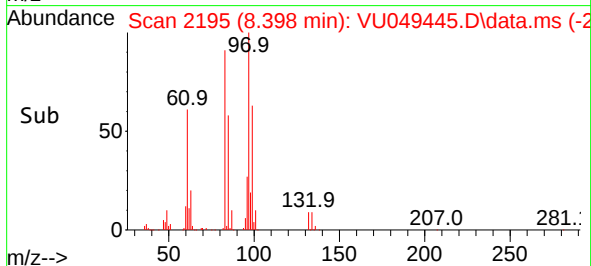
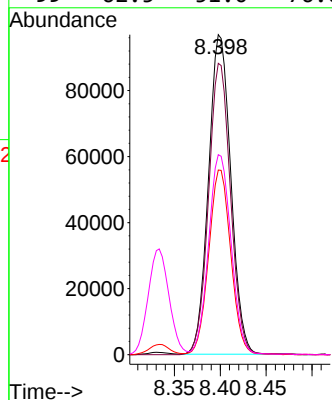
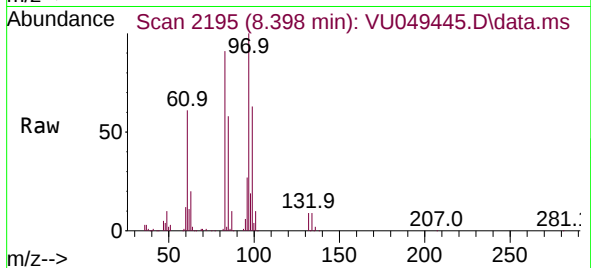
Ion Ratio Lower Upper

97 100

83 91.2 70.2 105.4

85 57.7 44.6 66.8

99 62.5 51.0 76.6



#56

Ethyl methacrylate

Concen: 53.405 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.006 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

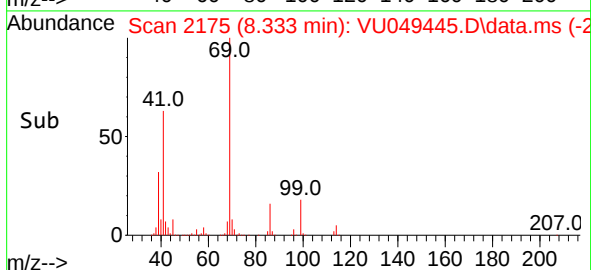
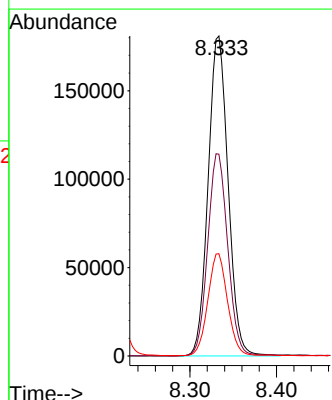
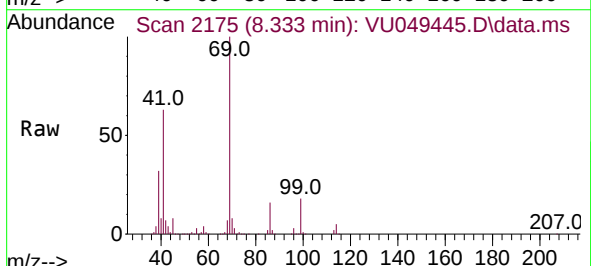
Tgt Ion: 69 Resp: 290058

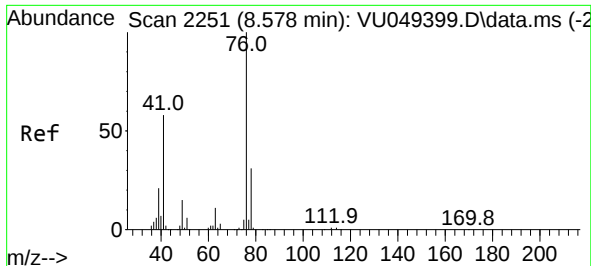
Ion Ratio Lower Upper

69 100

41 63.4 45.4 68.0

39 31.2 25.7 38.5





#57

1,3-Dichloropropane

Concen: 50.010 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

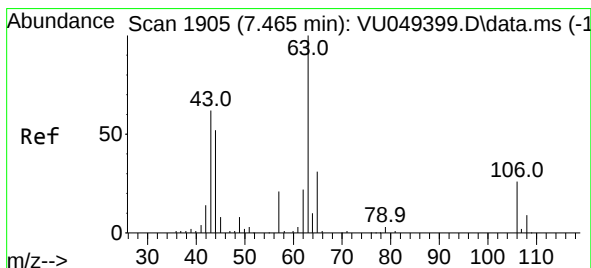
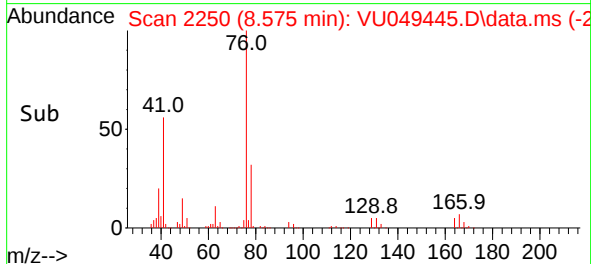
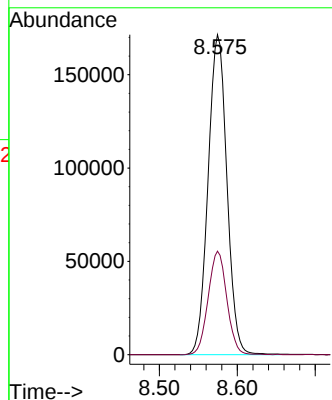
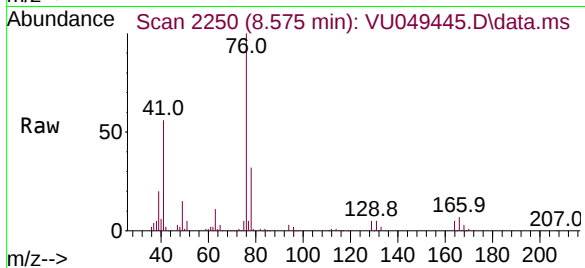
VSTDCCC050EC

Tgt Ion: 76 Resp: 288085

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 412.256 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049445.D

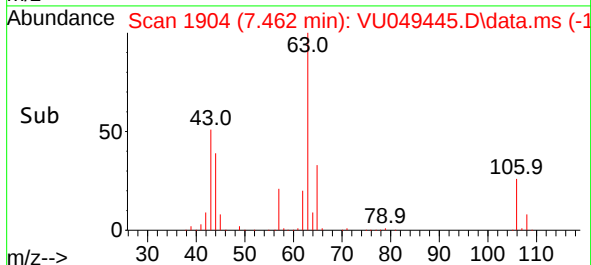
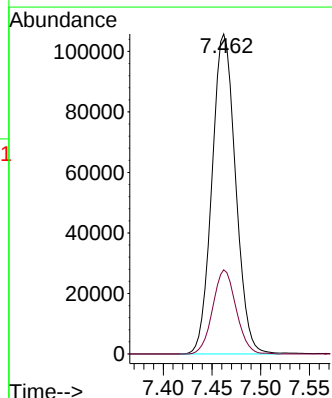
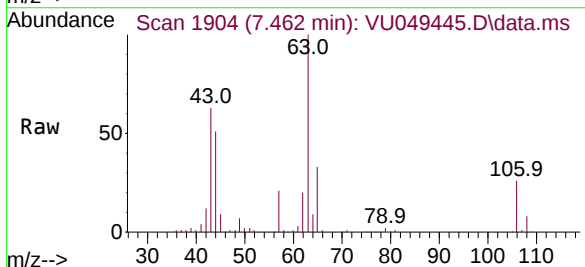
Acq: 28 Jun 2022 08:33

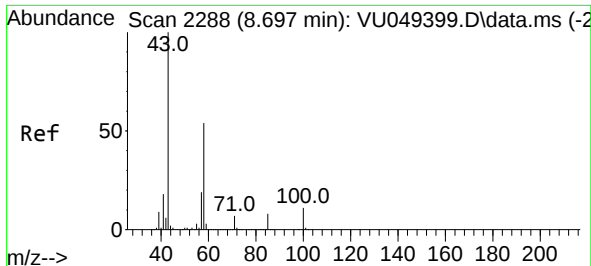
Tgt Ion: 63 Resp: 178387

Ion Ratio Lower Upper

63 100

106 26.0 23.1 34.7

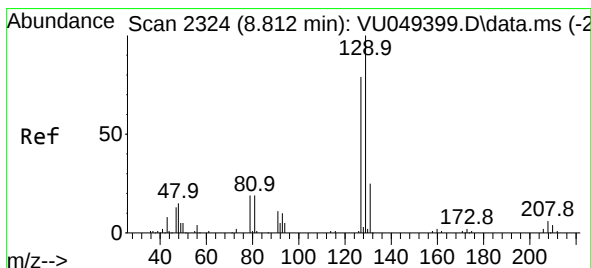
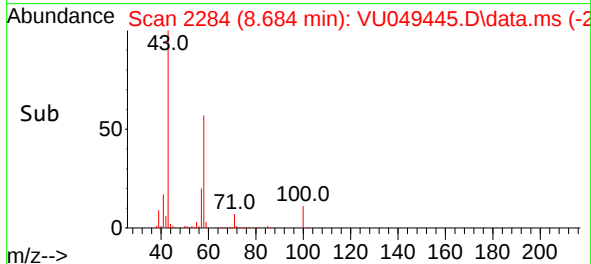
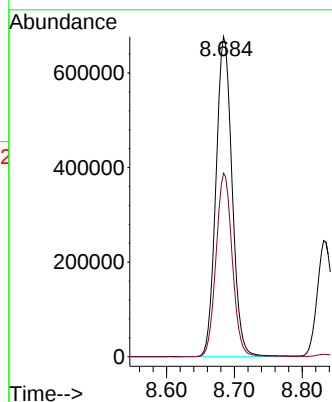
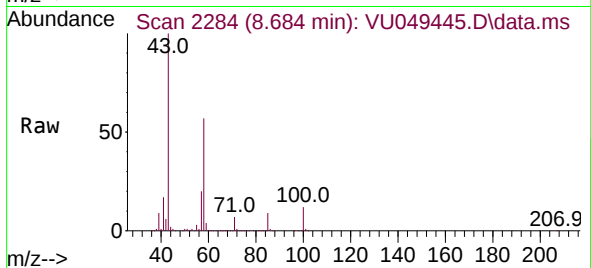




#59
2-Hexanone
Concen: 242.194 ug/l
RT: 8.684 min Scan# 211
Delta R.T. -0.013 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

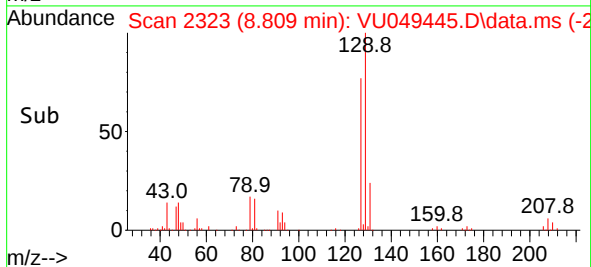
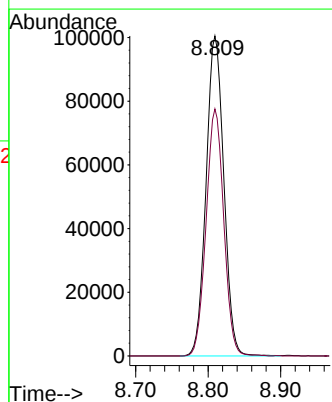
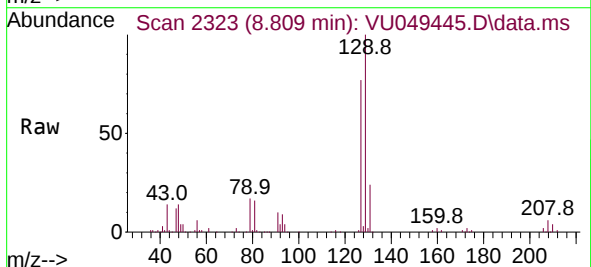
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

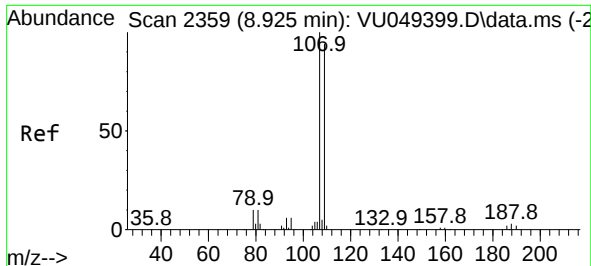
Tgt Ion: 43 Resp: 1117056
Ion Ratio Lower Upper
43 100
58 57.6 30.3 90.8



#60
Dibromochloromethane
Concen: 50.567 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 129 Resp: 170761
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0

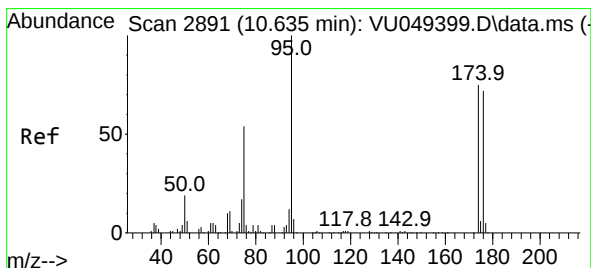
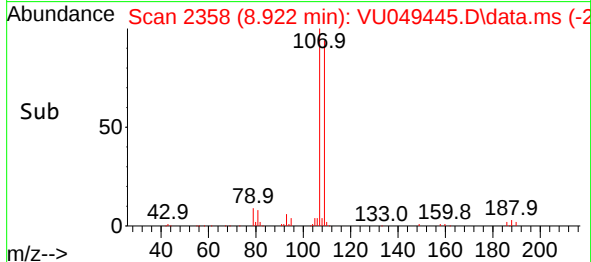
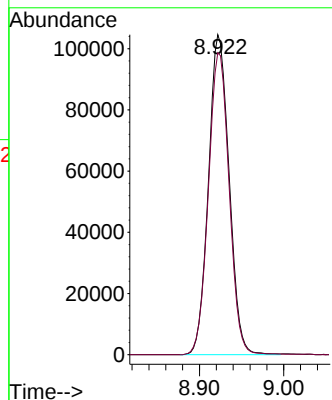
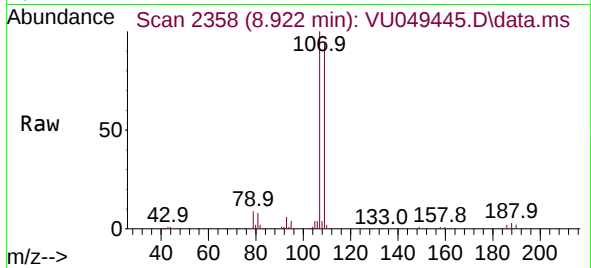




#61
1,2-Dibromoethane
Concen: 50.429 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

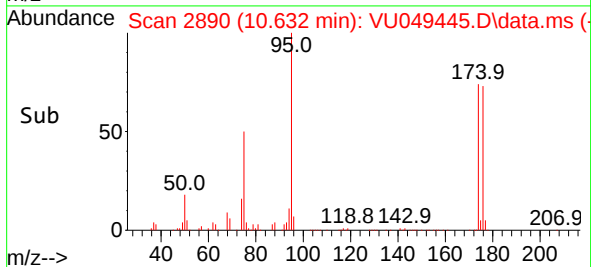
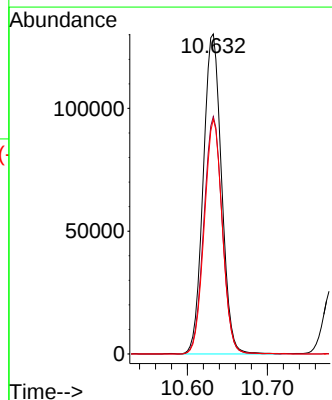
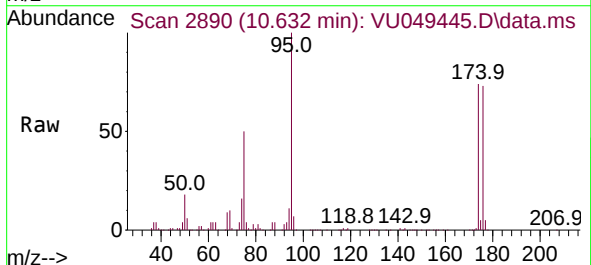
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 178461
Ion Ratio Lower Upper
107 100
109 94.8 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 50.456 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 95 Resp: 208096
Ion Ratio Lower Upper
95 100
174 74.2 0.0 182.0
176 72.1 0.0 177.8

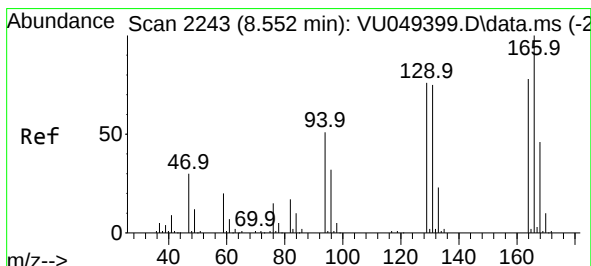
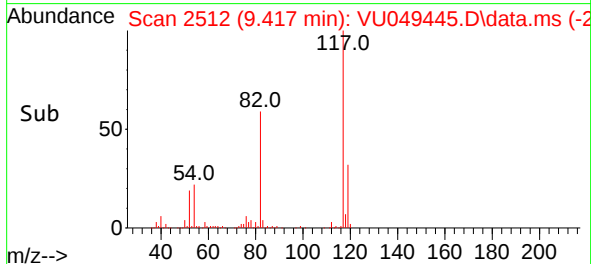
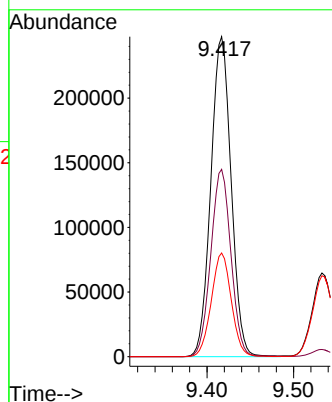
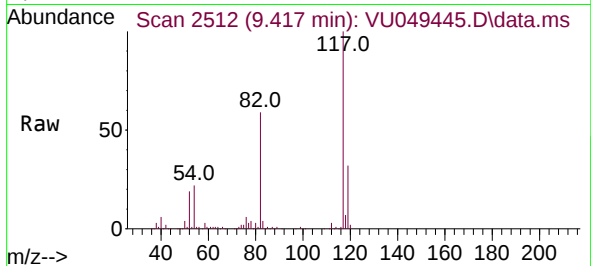




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

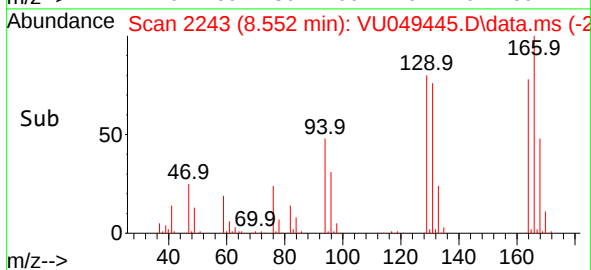
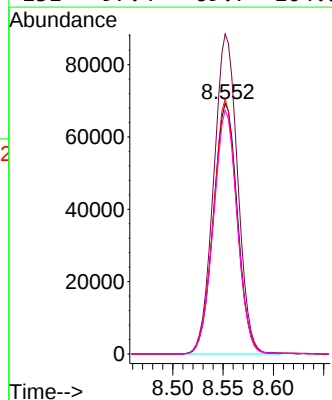
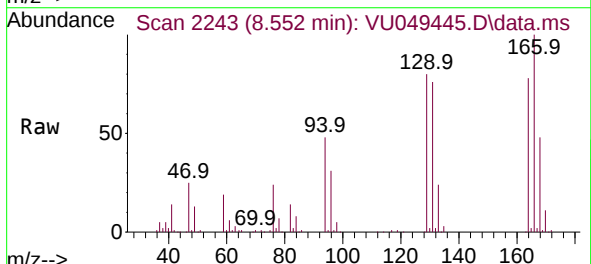
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

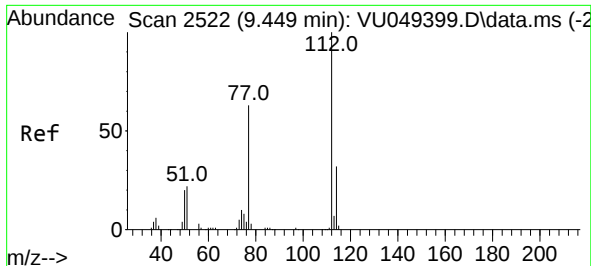
Tgt Ion:117 Resp: 402805
Ion Ratio Lower Upper
117 100
82 58.5 41.7 62.5
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 44.517 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion:164 Resp: 115012
Ion Ratio Lower Upper
164 100
166 127.8 100.0 150.0
129 101.8 72.0 108.0
131 97.4 69.7 104.5

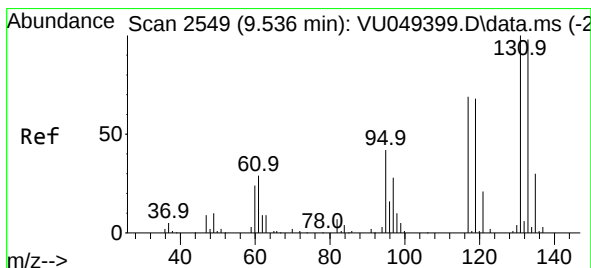
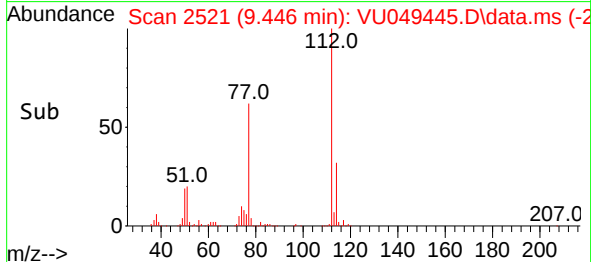
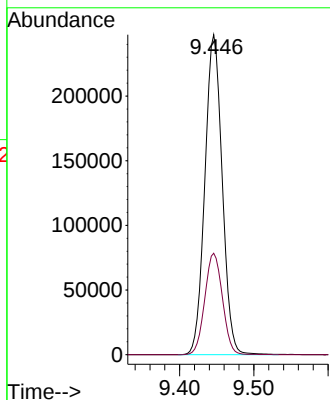
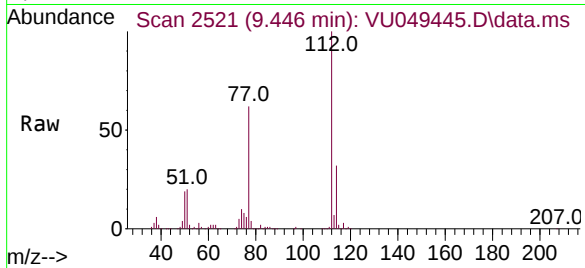




#65
Chlorobenzene
Concen: 48.753 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

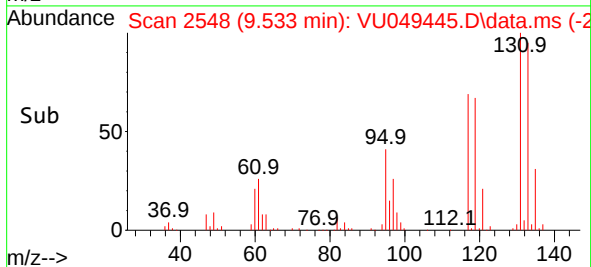
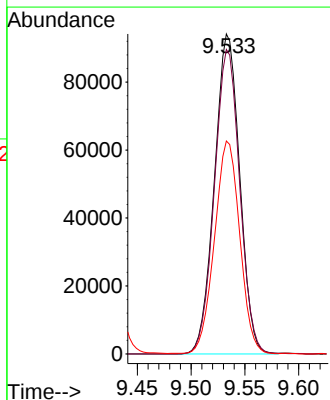
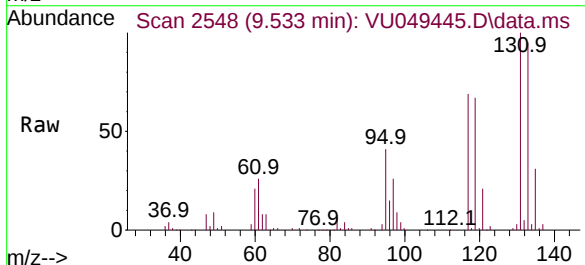
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

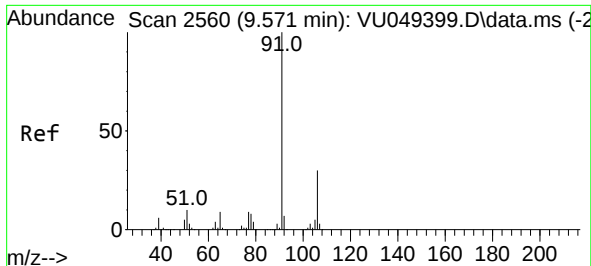
Tgt Ion:112 Resp: 401470
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.532 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion:131 Resp: 153870
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 66.6 33.9 101.6





#67

Ethyl Benzene

Concen: 48.889 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

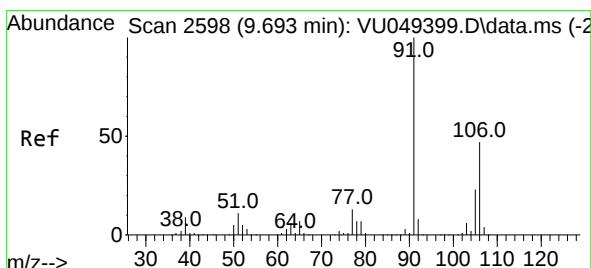
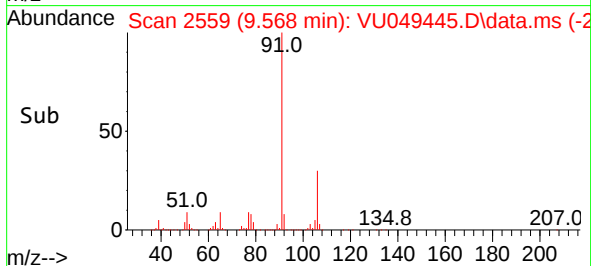
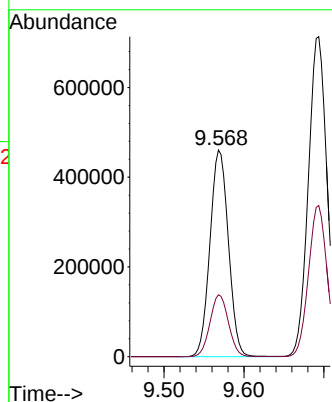
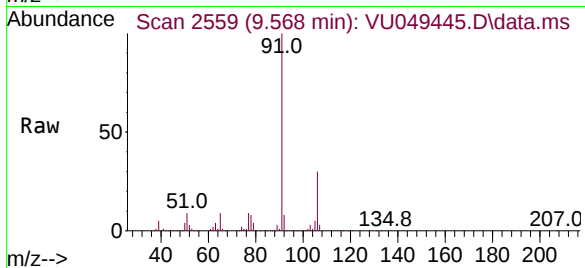
VSTDCCC050EC

Tgt Ion: 91 Resp: 739094

Ion Ratio Lower Upper

91 100

106 30.0 25.6 38.4



#68

m/p-Xylenes

Concen: 97.696 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049445.D

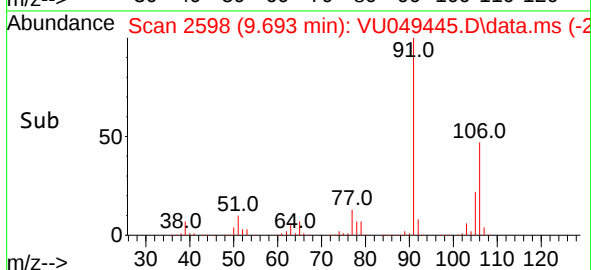
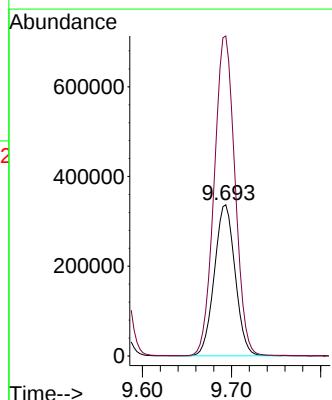
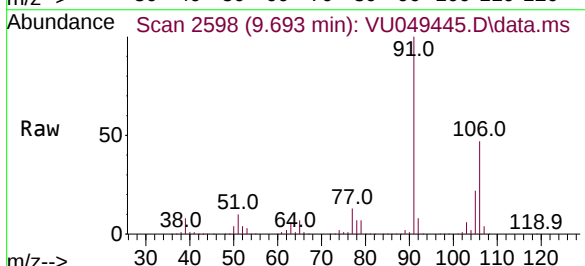
Acq: 28 Jun 2022 08:33

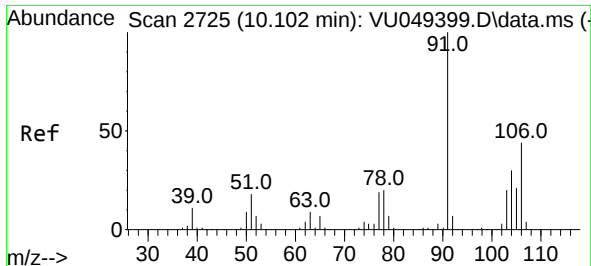
Tgt Ion:106 Resp: 546478

Ion Ratio Lower Upper

106 100

91 212.1 157.2 235.8

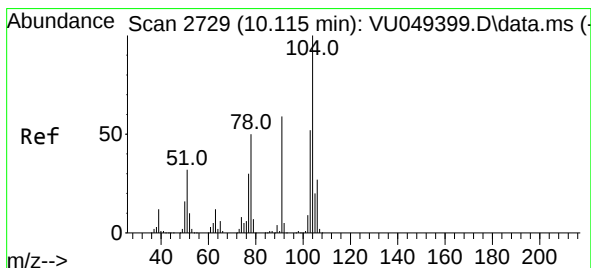
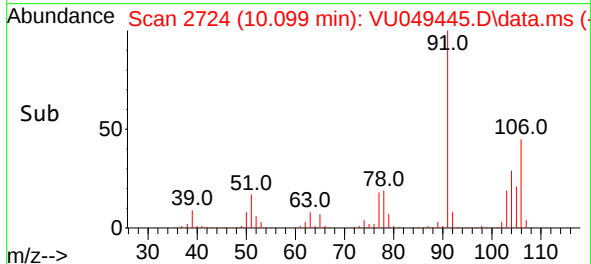
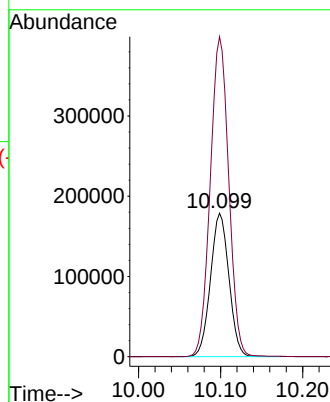
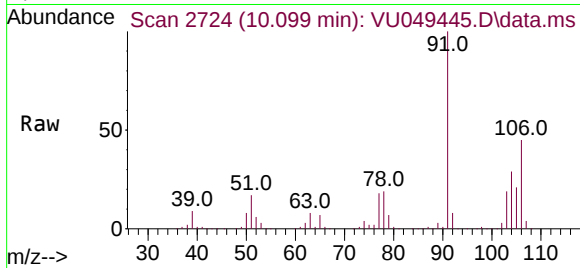




#69
o-Xylene
Concen: 50.214 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

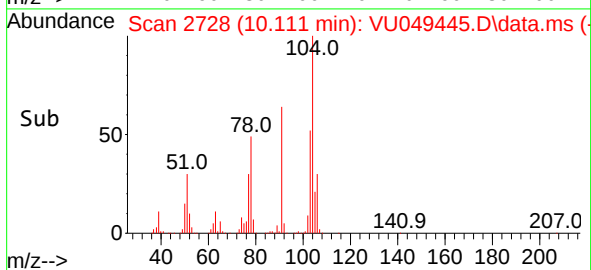
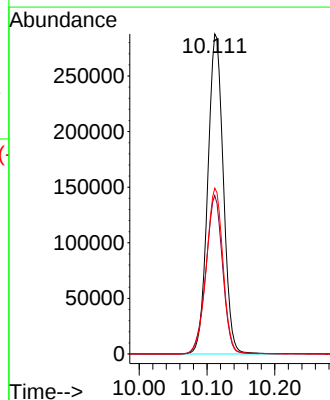
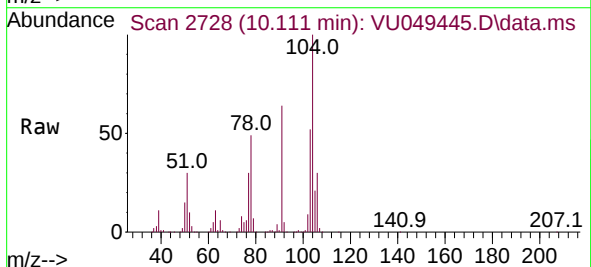
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

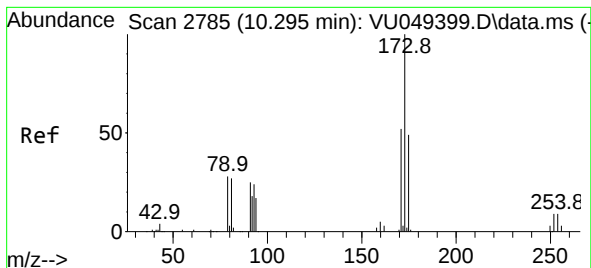
Tgt Ion:106 Resp: 278847
Ion Ratio Lower Upper
106 100
91 224.1 103.5 310.5



#70
Styrene
Concen: 51.536 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion:104 Resp: 459834
Ion Ratio Lower Upper
104 100
78 53.2 38.0 57.0
103 55.5 43.9 65.9





#71

Bromoform

Concen: 49.717 ug/l

RT: 10.292 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

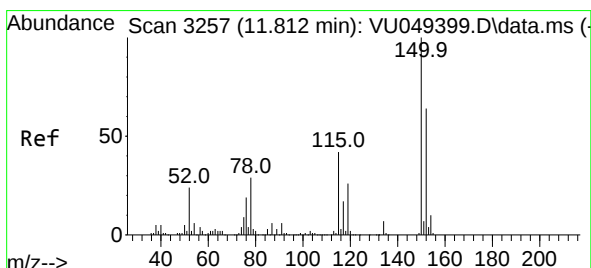
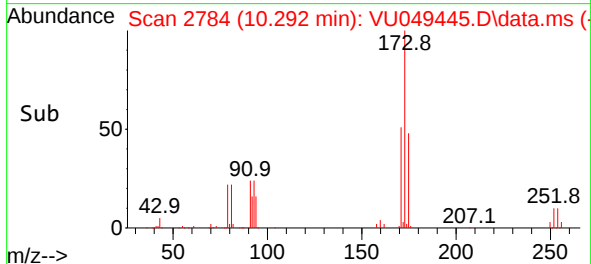
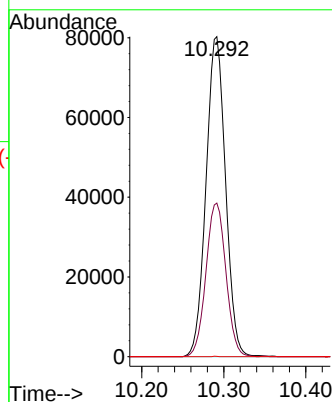
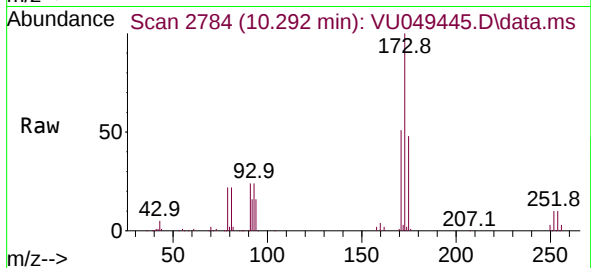
Tgt Ion:173 Resp: 132462

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. -0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

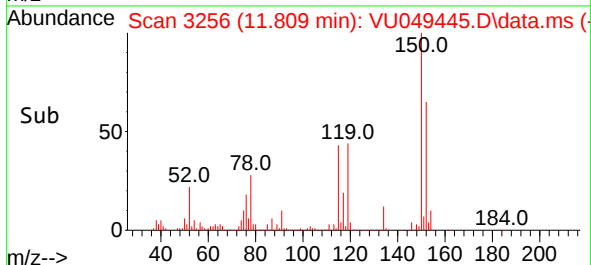
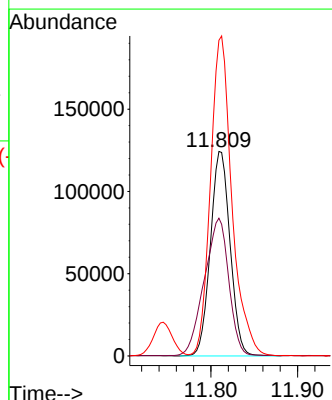
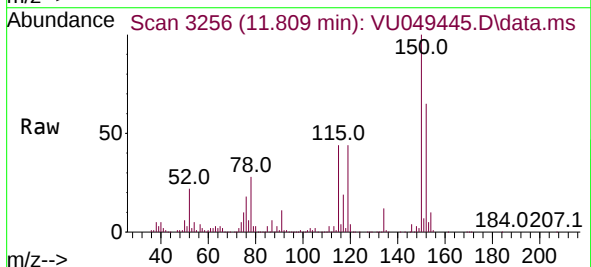
Tgt Ion:152 Resp: 196596

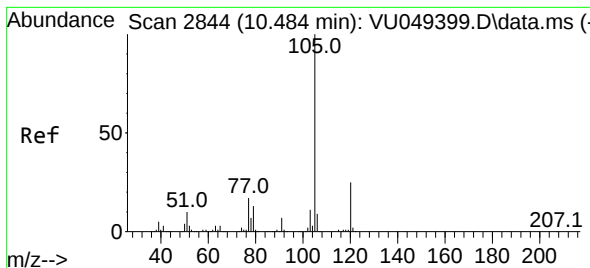
Ion Ratio Lower Upper

152 100

115 83.1 37.0 110.9

150 169.7 0.0 342.2





#73

Isopropylbenzene

Concen: 49.985 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

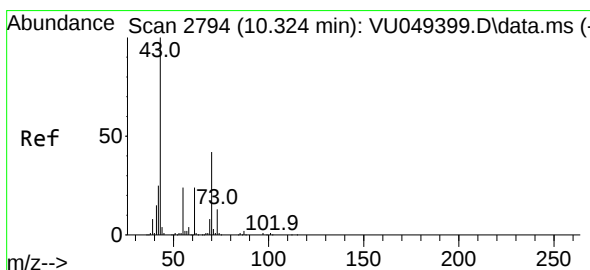
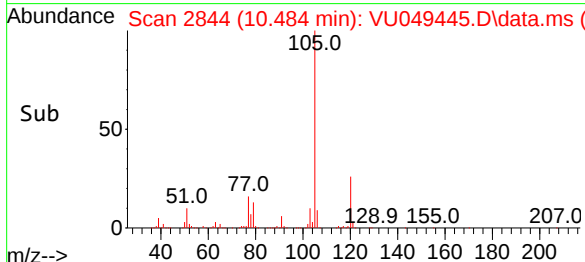
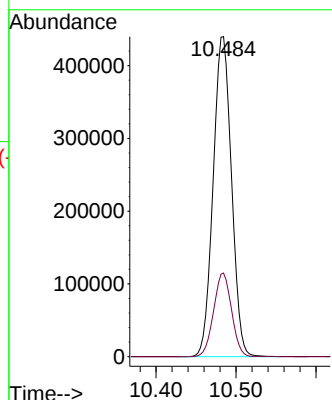
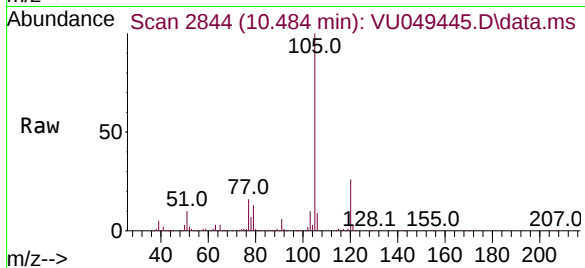
VSTDCCC050EC

Tgt Ion:105 Resp: 700026

Ion Ratio Lower Upper

105 100

120 25.6 13.8 41.4



#74

N-ethyl acetate

Concen: 51.063 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. -0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Tgt Ion: 43 Resp: 378486

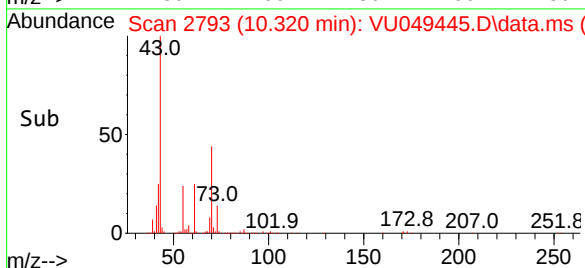
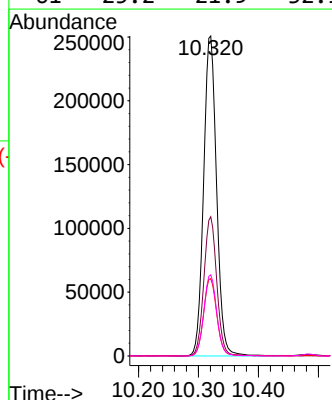
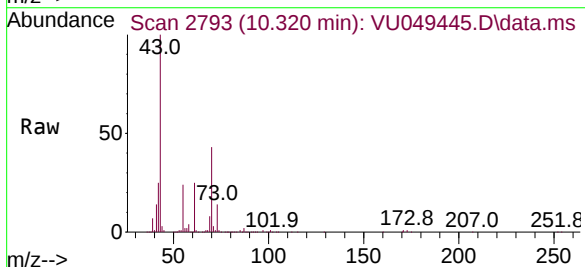
Ion Ratio Lower Upper

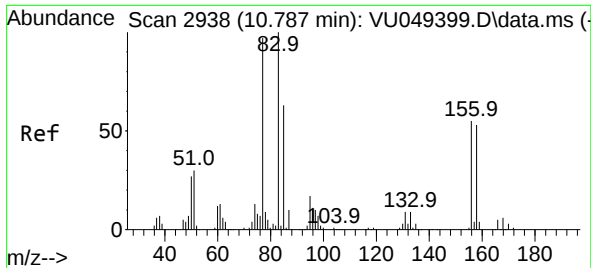
43 100

70 43.3 38.7 58.1

55 24.6 21.8 32.8

61 25.2 21.9 32.9

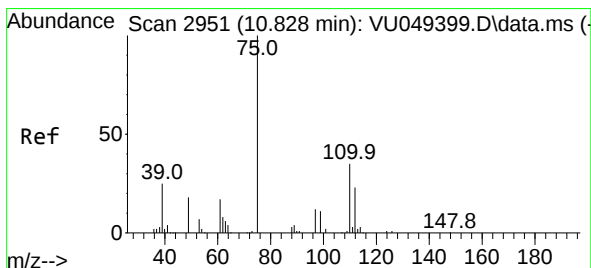
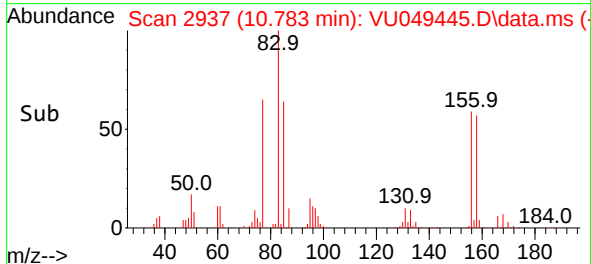
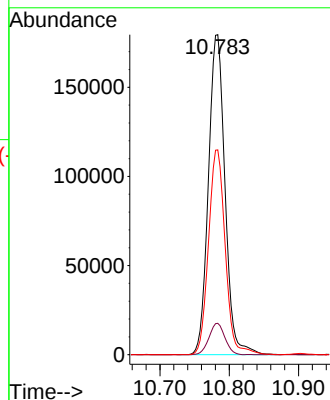
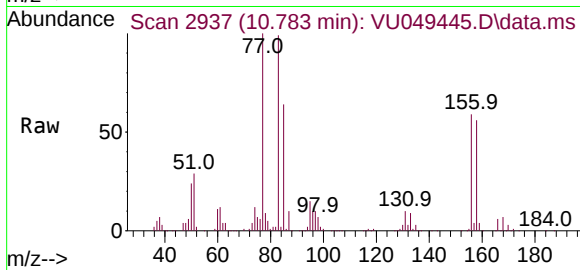




#75
1,1,2,2-Tetrachloroethane
Concen: 50.243 ug/l
RT: 10.783 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

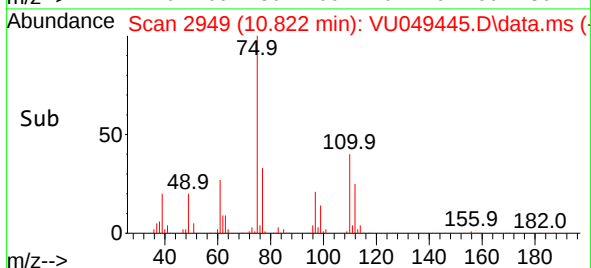
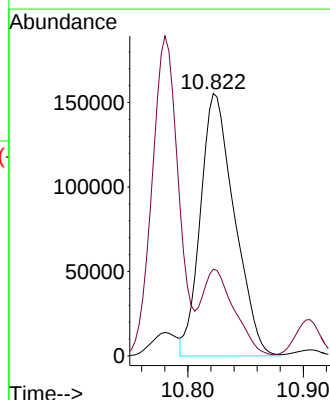
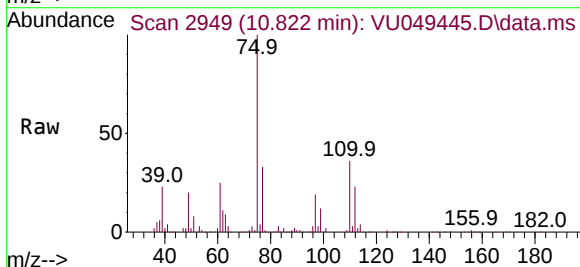
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

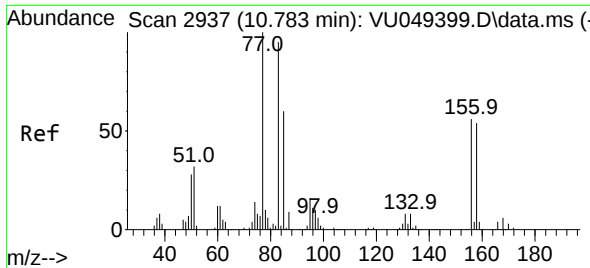
Tgt Ion: 83 Resp: 298063
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.4
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 47.630 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 75 Resp: 317429
Ion Ratio Lower Upper
75 100
77 31.3 15.8 47.3

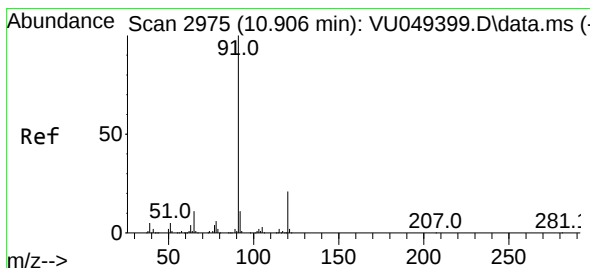
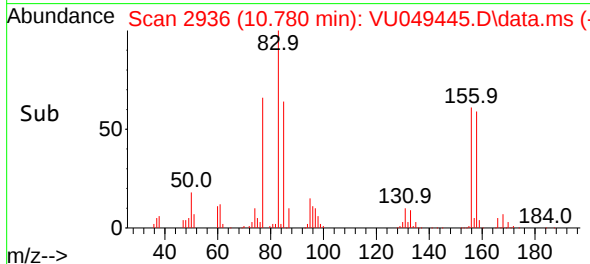
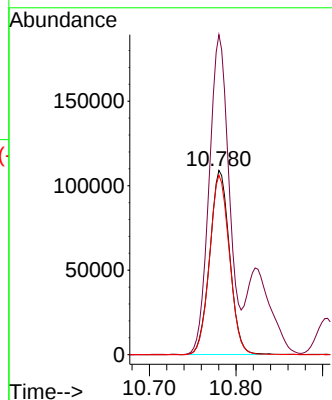
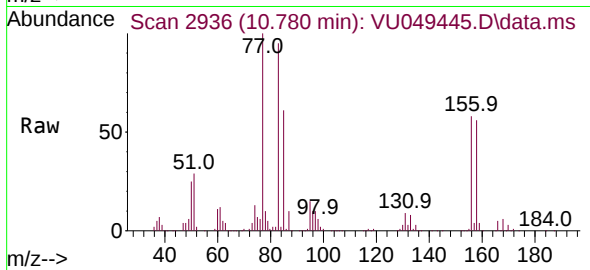




#77
Bromobenzene
Concen: 50.701 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

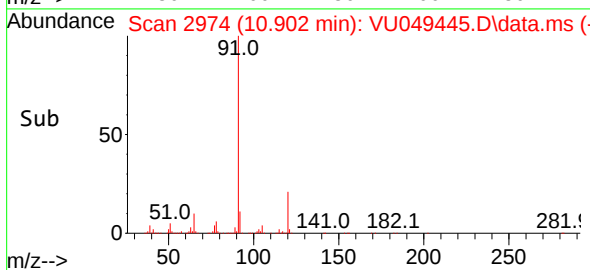
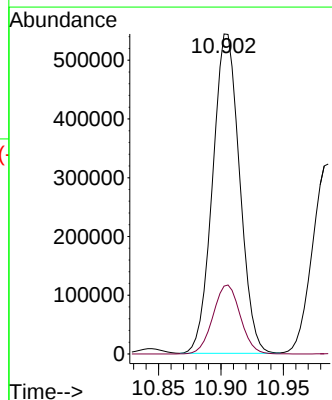
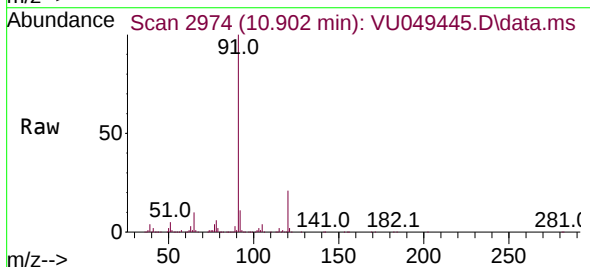
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

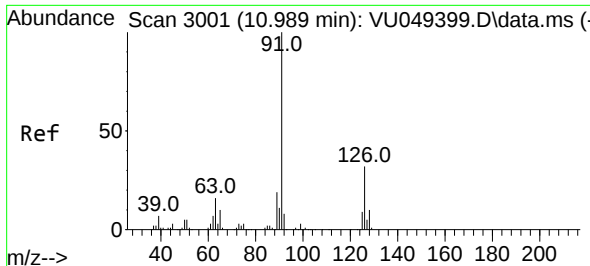
Tgt Ion:156 Resp: 173320
Ion Ratio Lower Upper
156 100
77 174.1 71.9 215.6
158 97.7 48.9 146.8



#78
n-propylbenzene
Concen: 48.150 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 91 Resp: 819391
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5

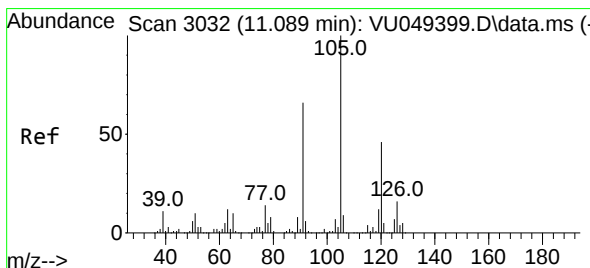
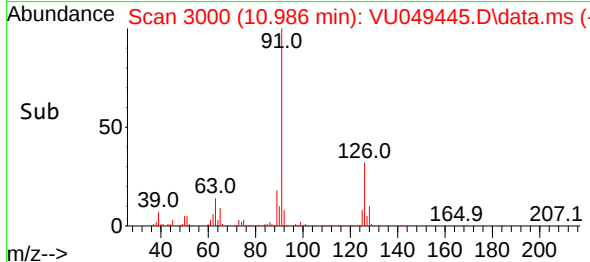
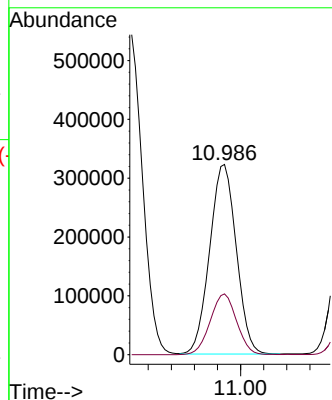
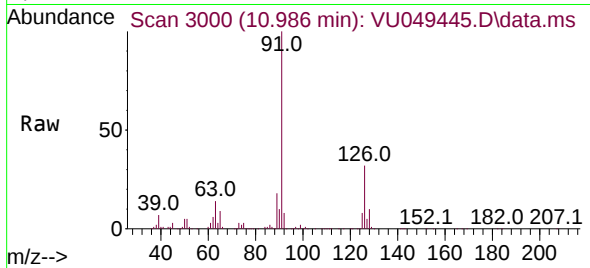




#79
2-Chlorotoluene
Concen: 49.105 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

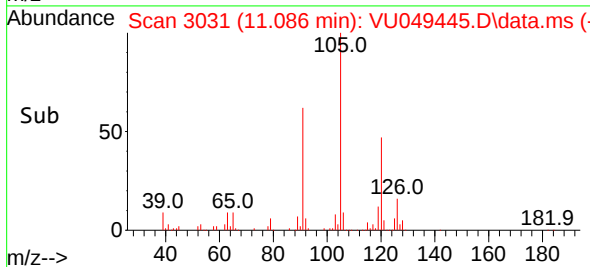
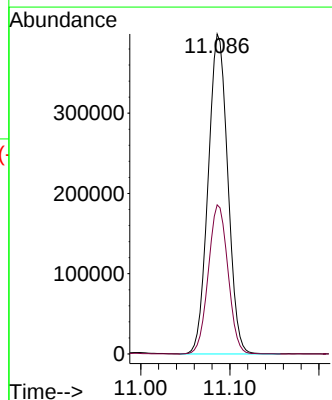
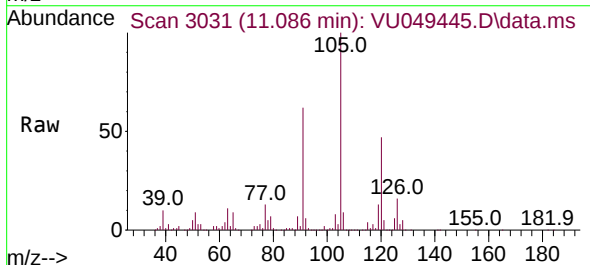
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

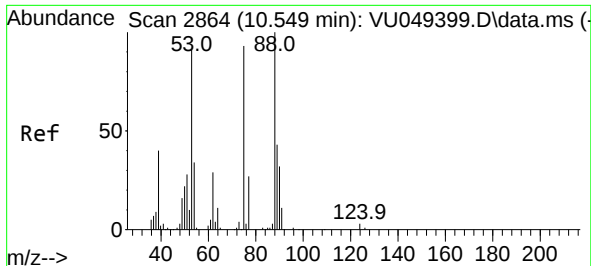
Tgt Ion: 91 Resp: 514842
Ion Ratio Lower Upper
91 100
126 31.9 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 49.661 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion:105 Resp: 607172
Ion Ratio Lower Upper
105 100
120 46.7 25.3 75.9

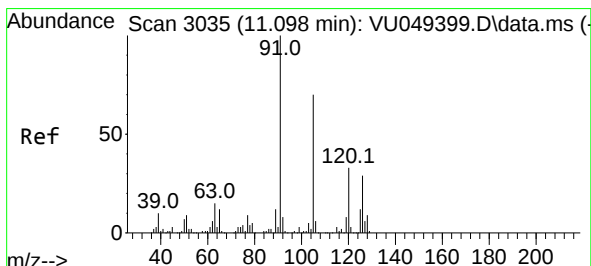
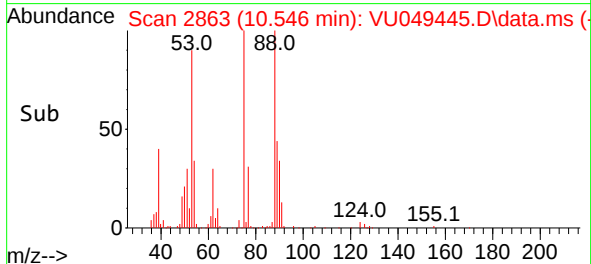
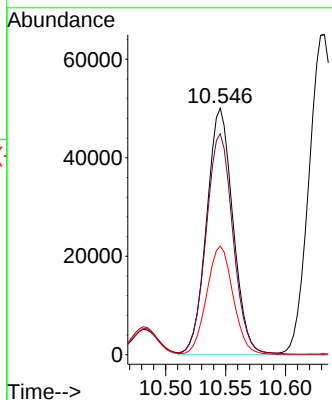
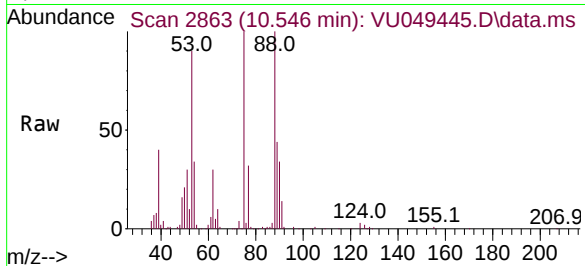




#81
trans-1,4-Dichloro-2-butene
Concen: 42.442 ug/l
RT: 10.546 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

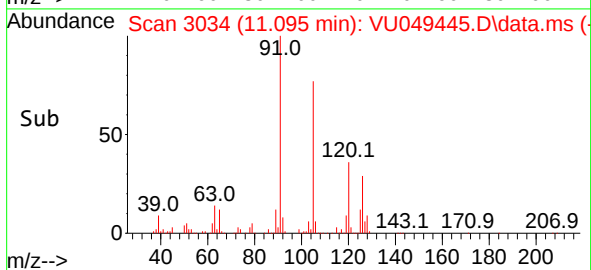
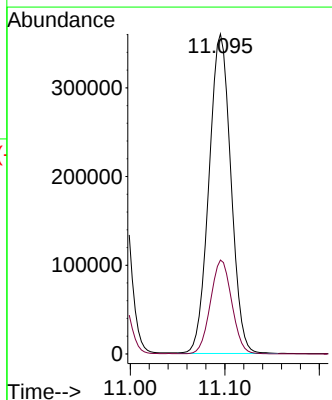
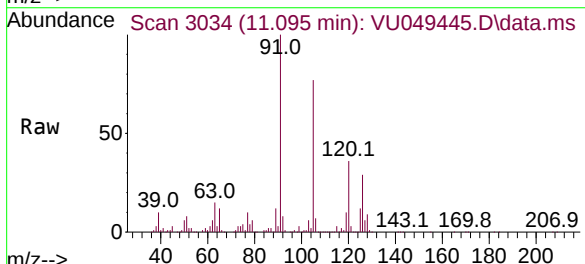
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

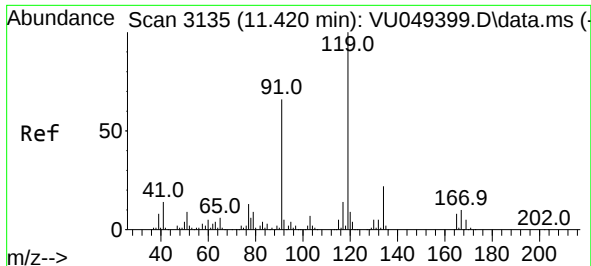
Tgt Ion: 75 Resp: 76594
Ion Ratio Lower Upper
75 100
53 91.2 69.2 103.8
89 44.2 37.0 55.6



#82
4-Chlorotoluene
Concen: 49.089 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 91 Resp: 578842
Ion Ratio Lower Upper
91 100
126 28.5 16.1 48.2

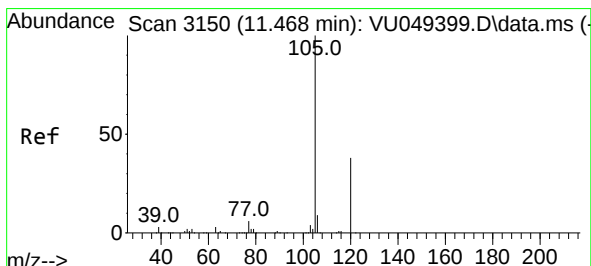
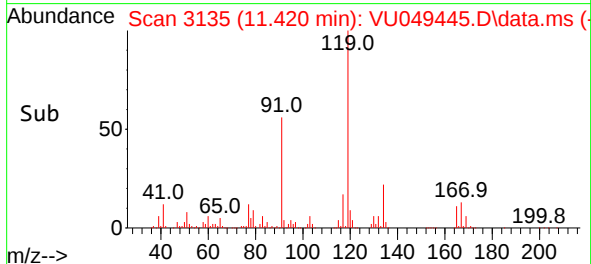
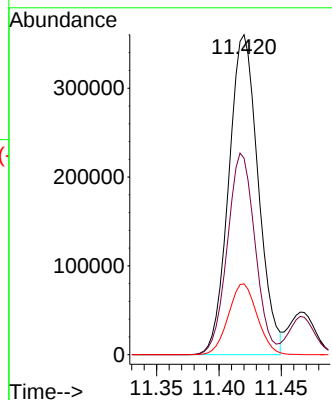
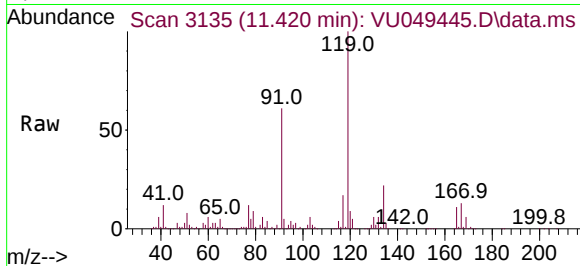




#83
 tert-Butylbenzene
 Concen: 49.292 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU049445.D
 Acq: 28 Jun 2022 08:33

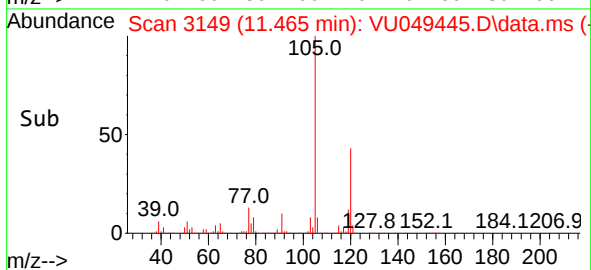
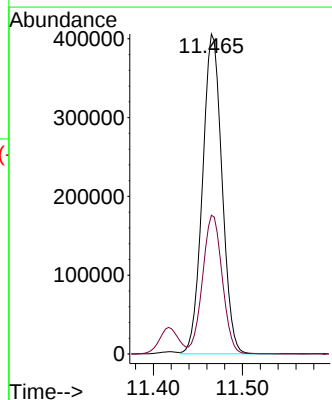
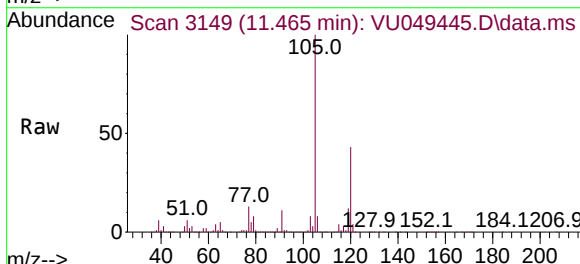
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

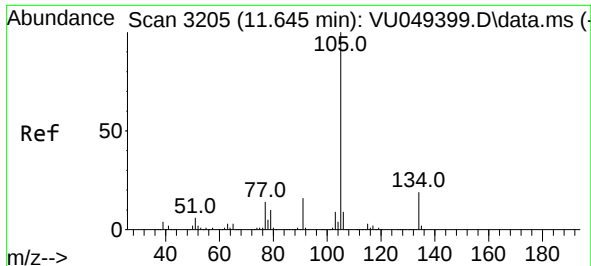
Tgt Ion:119 Resp: 592760
 Ion Ratio Lower Upper
 119 100
 91 59.2 26.8 80.3
 134 21.7 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.200 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU049445.D
 Acq: 28 Jun 2022 08:33

Tgt Ion:105 Resp: 614968
 Ion Ratio Lower Upper
 105 100
 120 43.8 23.4 70.3

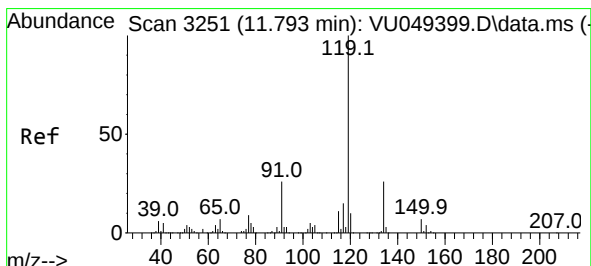
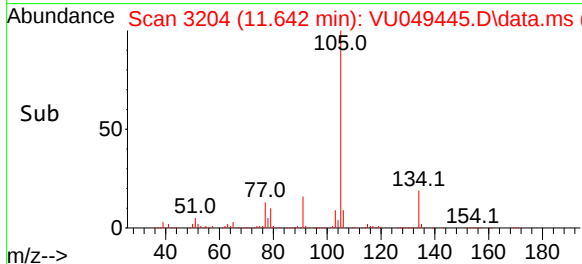
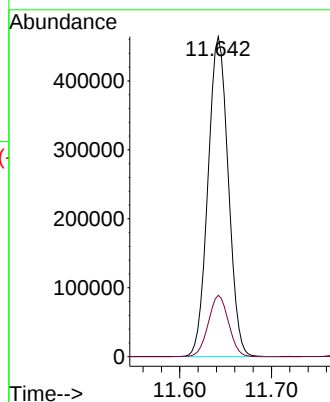
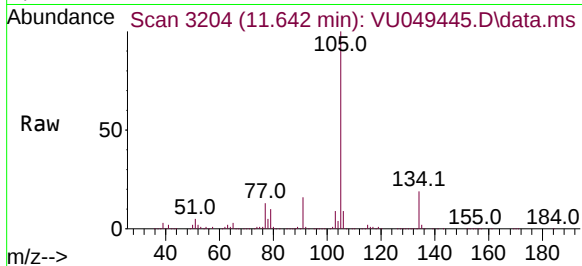




#85
 sec-Butylbenzene
 Concen: 47.097 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049445.D
 Acq: 28 Jun 2022 08:33

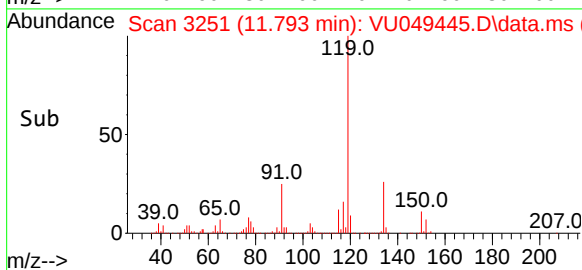
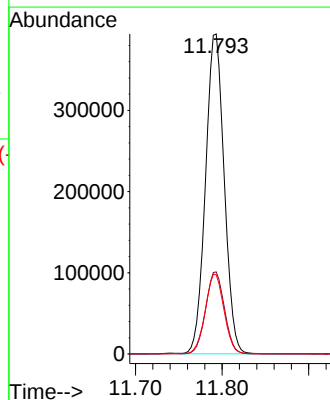
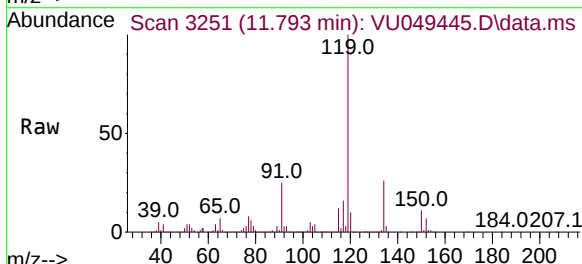
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

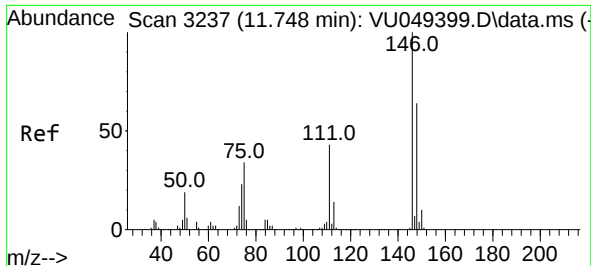
Tgt Ion:105 Resp: 712075
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 48.294 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049445.D
 Acq: 28 Jun 2022 08:33

Tgt Ion:119 Resp: 590499
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.4
 91 24.9 11.2 33.5

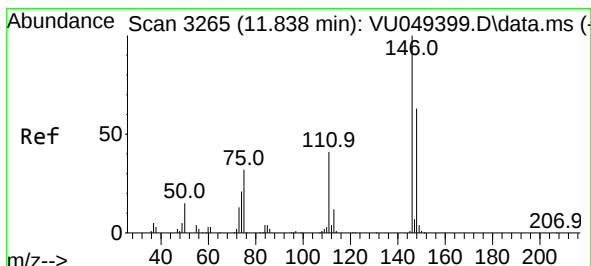
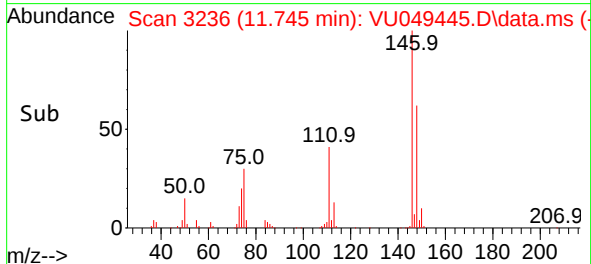
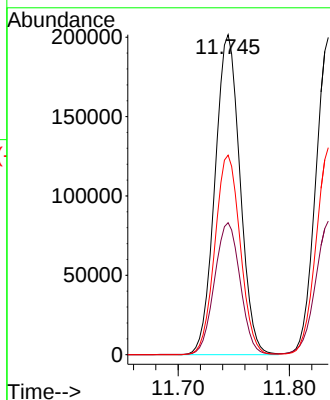
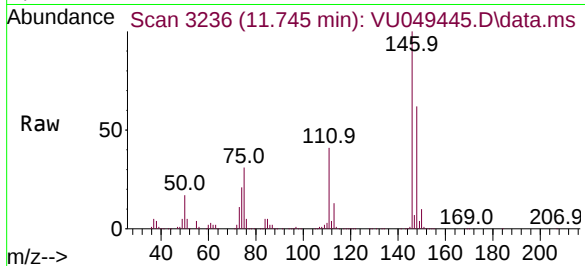




#87
1,3-Dichlorobenzene
Concen: 48.196 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

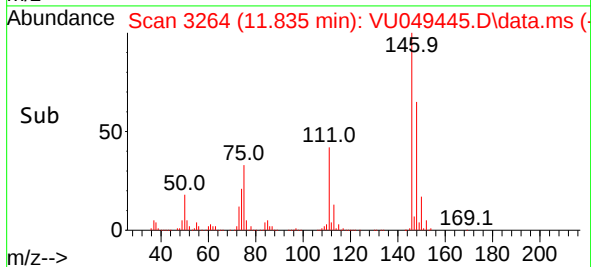
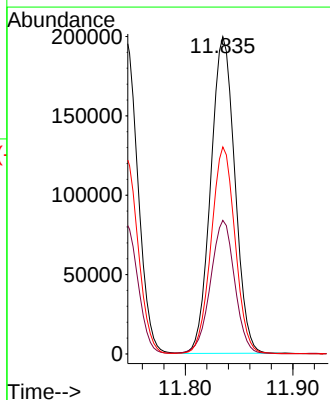
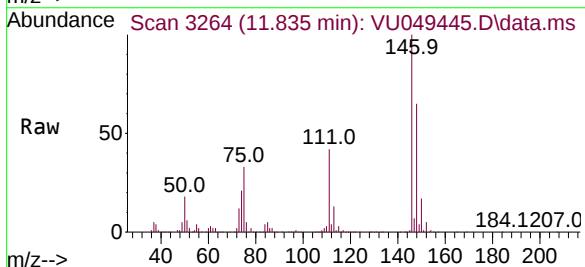
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

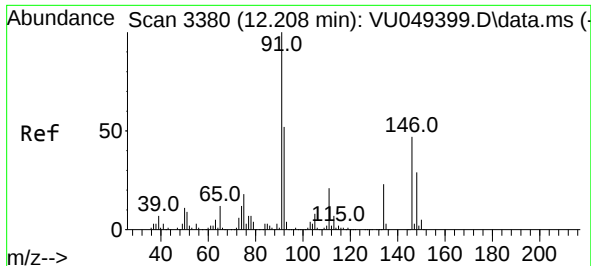
Tgt Ion:146 Resp: 314984
Ion Ratio Lower Upper
146 100
111 42.4 18.9 56.5
148 63.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 47.323 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion:146 Resp: 310859
Ion Ratio Lower Upper
146 100
111 42.4 18.5 55.5
148 65.1 31.9 95.7

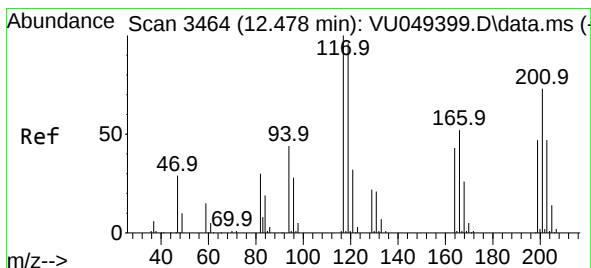
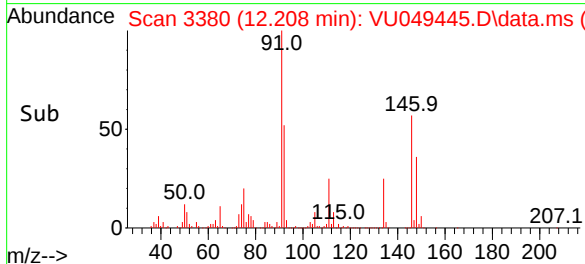
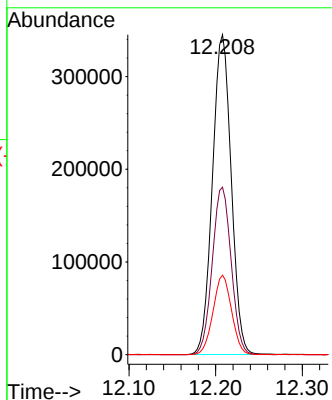
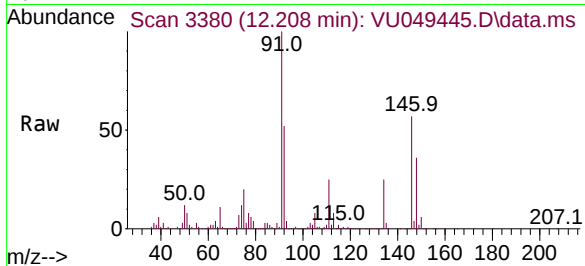




#89
n-Butylbenzene
Concen: 46.013 ug/l
RT: 12.208 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

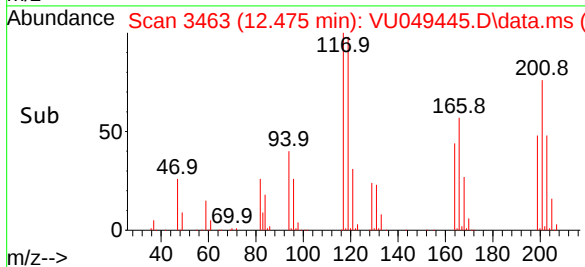
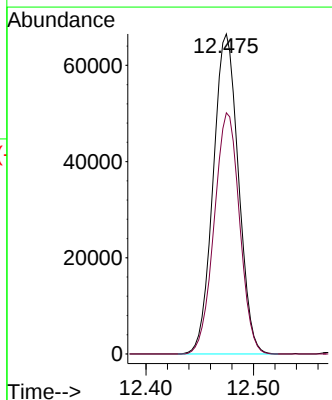
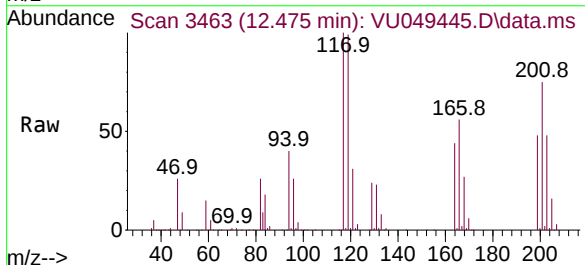
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

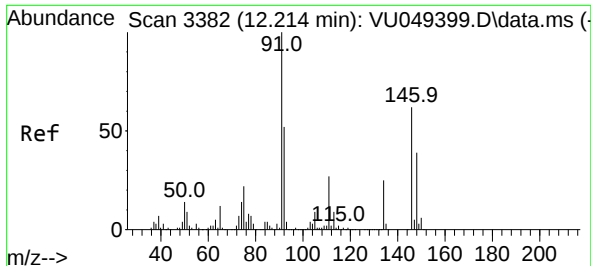
Tgt Ion: 91 Resp: 520794
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.6
134 24.5 13.5 40.4



#90
Hexachloroethane
Concen: 44.517 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion: 117 Resp: 108415
Ion Ratio Lower Upper
117 100
201 75.8 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 50.227 ug/l

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

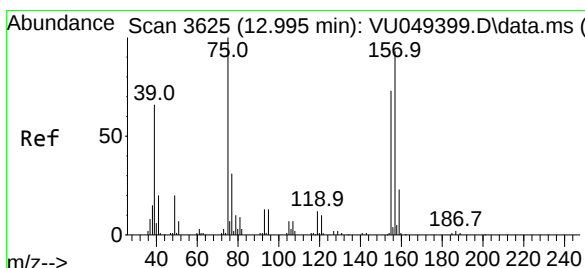
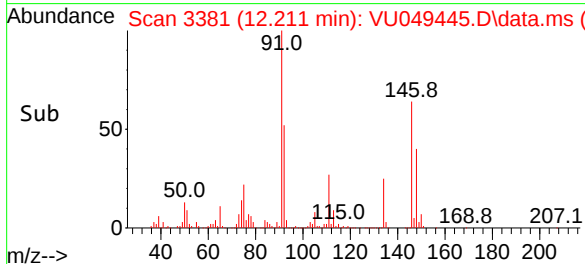
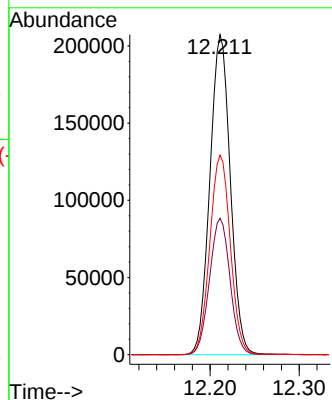
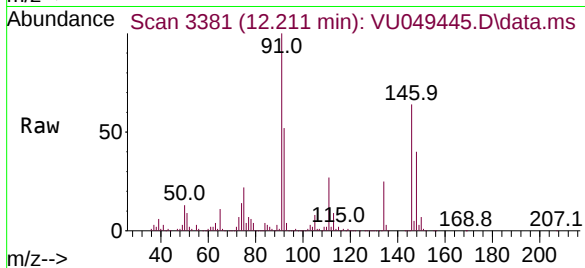
Tgt Ion:146 Resp: 329822

Ion Ratio Lower Upper

146 100

111 42.9 19.9 59.6

148 62.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.718 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049445.D

Acq: 28 Jun 2022 08:33

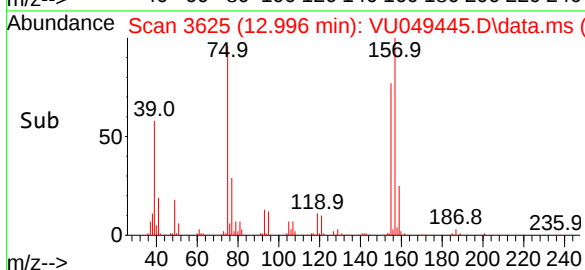
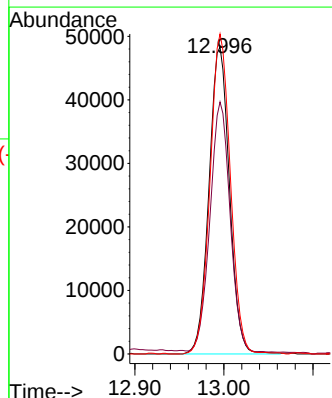
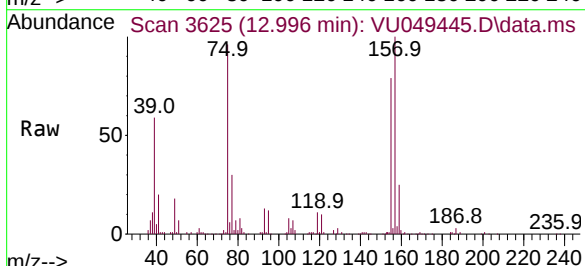
Tgt Ion: 75 Resp: 77150

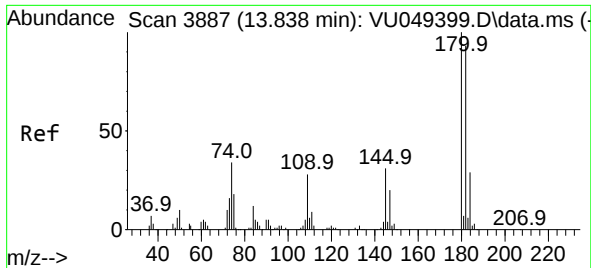
Ion Ratio Lower Upper

75 100

155 79.5 47.8 143.4

157 104.1 62.2 186.5

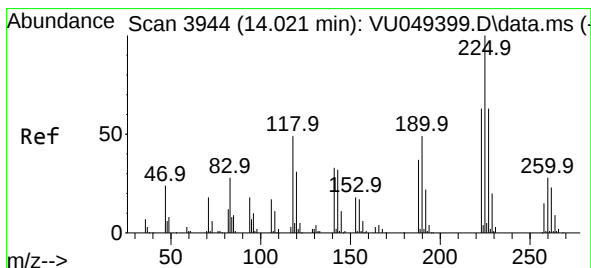
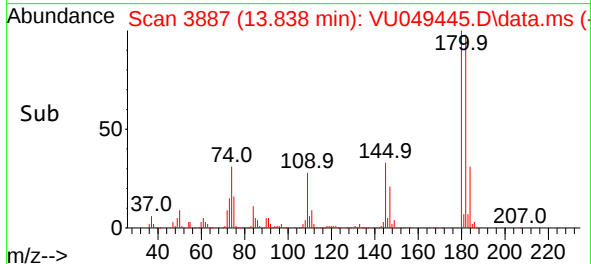
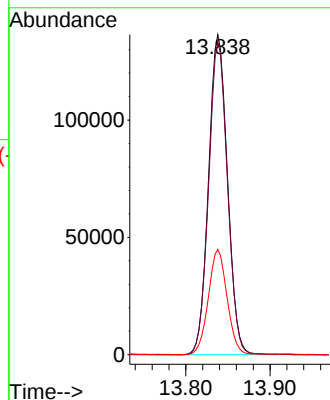
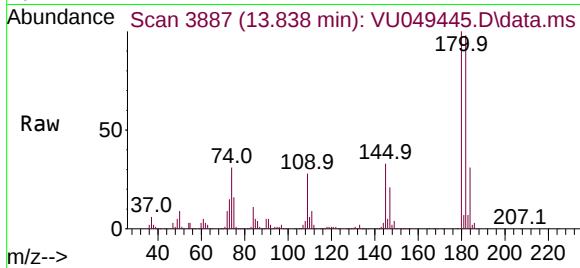




#93
1,2,4-Trichlorobenzene
Concen: 48.495 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

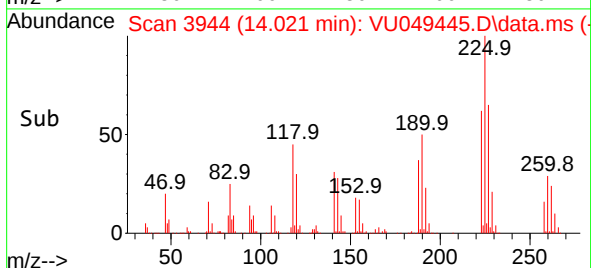
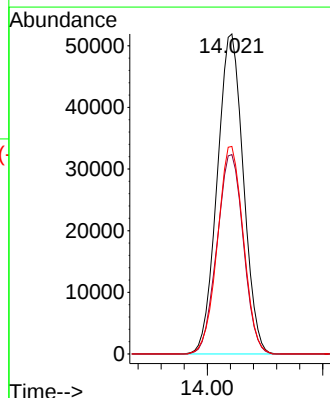
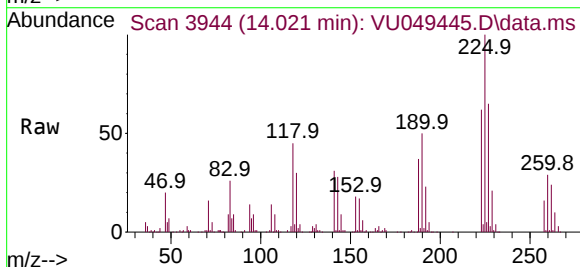
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

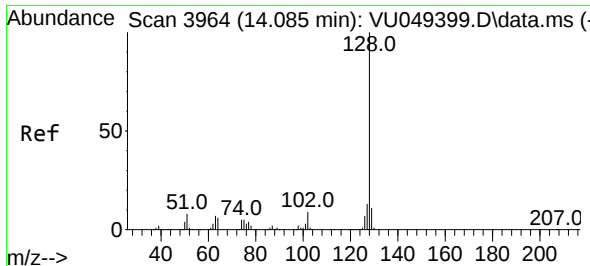
Tgt Ion:180 Resp: 213470
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.6
145 32.6 14.0 41.9



#94
Hexachlorobutadiene
Concen: 40.066 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion:225 Resp: 81615
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.9
227 64.2 32.0 96.2

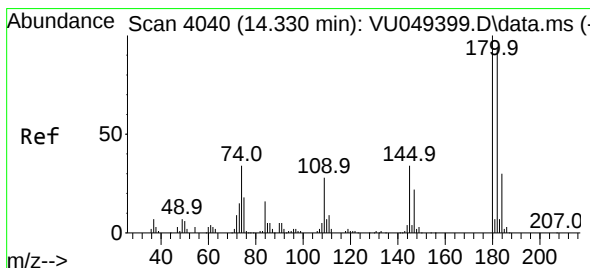
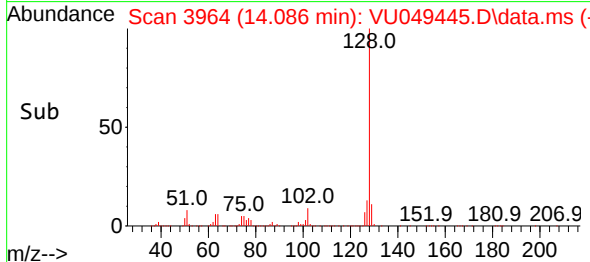
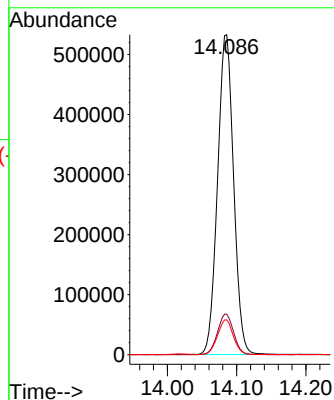
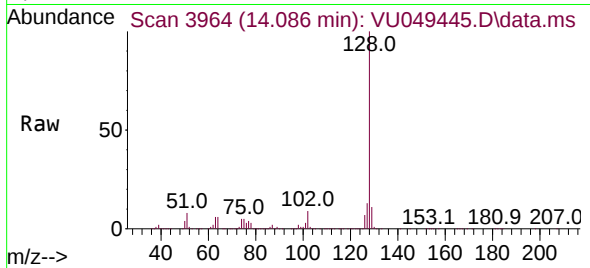




#95
Naphthalene
Concen: 55.655 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 859748
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.139 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU049445.D
Acq: 28 Jun 2022 08:33

Tgt Ion:180 Resp: 227171
Ion Ratio Lower Upper
180 100
182 96.1 48.4 145.0
145 34.9 14.8 44.4

